CATALOGUE

OF

MOTHS OF INDIA,

COMPILED BY

COLONEL. C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

Part VII.-INDEX, &c.



CALCUTTA:
BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

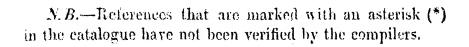
PREFACE.

THIS catalogue, which comprises all the known moths of the Indian region, including Burma and Ceylon, aims at being a handbook of reference for Indian naturalists who interest themselves in the moths of the country.

No pains have been spared in its compilation, which has taken more than three years to accomplish, but the work has presented exceptional difficulties owing to the fact that no satisfactory classification was in existence. Old authors were content to describe all Indian moths under the generic names of Sphinx, Bombyx, Phalæna, Noctua, &c., while lardly any two modern writers adopt one classification. The type specimens, from which the species were originally described, are mostly the property of museums and private individuals in Europe; working in India therefore, where it is impossible to examine these types, it has been n ecessary to adopt many species, which will probably prove. on further examination, to have been founded upon characters of too trifling a nature. It is hoped, however, that the chrors and imperfections, which a work of this kind must n ecessarily contain, will not seriously detract from its usefulnicss.

The work is published by the Trustees of the Indian Museum, and the thanks of the compilers are also due to the following:—Mr. F. Moore, who has examined many types in the British Museum, determined specimens, and given his itavaluable help in the revision of the whole catalogue; Mons. Itagonot, who has taken much trouble in revising and classifying the Crambites; and Lord Walsingham, who has given assistance and advice with reference to the Tortrices.

Indian Museum, May 1889.



HEXAPODA.

ORDER LEPIDOPTERA.

SUB-ORDER HETEROCERA.

FAMILY SPHINGIDÆ.

Sub-family I .- MACROGLOSSINE.

Genus Sataspes.

1. SATASPES INFERNALIS.

Sesia infernalis, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 3, (1848).

Macroylossa infernalis, Walker, Cat. Lep. Het. B. M. viii, p. 95, No. 19, (1856).

Sataspes infernalis, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 261, No. 597, (1857).

Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 517.

Recorded from Sylhet, Sibsagar, Sikkim, Nepal, Coimbatore. In Indian Museum are specimens from Sibsagar and Buxa. In Collection, Swinhoe, from Sylhet.

2. SATASPES UNIFORMIS.

Sataspes uniformis, Butler, Proc. Zool. Soc. Lond. 1875, p. 3, No. 1.

Trans. Zool. Soc. Lond. ix, 1876, p. 518.
var. Sataspes infernalis, Boisd., Sp. Gén. Lep. 1, pl. 10, figs. 1, 2, (1875).
Recorded from Sylhet.
Closely allied to Sataspes infernalis.
Type is in British Museum.

3. SATASPES VENTRALIS.

Sataspes ventralis, Butler, Proc. Zool. Soc. Lond. 1875, p. 3, No. 2.

Trans. Zool. Soc. Lond. ix., 1876, p. 518.

Sataspes tagalica, Boisd., Sp. Gón. Lep., p. 278, pl. 10, figs. 3, 4, (1875).*

Recorded from Sylhet, Hongkong.

Type is in British Museum.

Genus Hemaris.

4. Hemaris saundersii.

Macroglossa saundersii, Boisd. MS.* Sosia saundersii, Wulker, Cat. Lep. Het. B. M. viii, p. 83, No. 7, (1856). Hemaris saundersii, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 520.

Recorded from Masuri, Sikkim, Kulu, Kunawar: In Indian Museum are specimens from Kulu: in Collection, Swinhoe, from Sikkim.

5. HEMARIS HYLAS.

Sphinx hylas, Linn., Mant. i. p. 539, (1771).* Sphinx picus, Cramer, Pap. Exot. ii, p. 83, pl. 148, fig. B, (1777).

Sesia hylas, Fabr., Ent. Syst. iii, j. 279, No. 3, (1793).

Walker, Cat. Lep. Het. viii, p. 84, (1856).

Moore, Cat. Lep. Mus. E. I. Comp. i, p. 260, pl. 8, figs. 1, 1a, (1857).

Cephnodes hylas, Hübner, Verz. Bek. Schmett, p. 131, No. 1402, (1816). Moore, Lep. Ceyl. ii, p. 31, pl. 93, fig. 4, (1882).

Macroglossa kingi, McLeay, King's Surveycol Australia, App., p. 465, No. 167, (1827),* Sesia cunninghami, Walker, Cat. Lep. Het. viii, p. 85, No. 10, (1856).Macroglossa cunninghami, Schaufuss, Nunquam Otiosus i, p. 22, to Australia. (1870).*Hemaris hylas, Saulmüller, Lep. Madag. i, p. 117, pl. 3, fig. 40. var. Macroglossa apus, Boisd., Faun. Ent. Madag., pl. 79, No. 2, pl. 10, fig. 4, (1833).*Transformations, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 522, pl. 90. figs. 4, 5. Dewitz, Verh. L. C. Ak. 44, p. 266, pl. 9, figs. 9, 9n, 9b.* Moore, Lop. Ceyl. ii, p. 31, pl. 93, figs. 4a, 4b, (1882). Recorded from Japan, China, Australia, all parts of India, Ceylon, Africa. In Indian Museum are specimens from Karachi, Kulu, Sikkim,

Sylhet, Cachar, Calcutta, Bangalore, Ceylon. In Collection, Swinhoe, from Deesa, Bombay, Karachi, Mhow,

Belgaum, Sattara, Poona, Darjiling, Matheran, Ceylon.

6. HEMARIS CYANIRIS.

Hemaris cyaniris, Kirby, Trans. Ent. Soc. Lond. 1877, p. 239.

Recorded from Sylhet and Mauritius.

Allied to Hemaris hylas, Linn.

Genus Rhopalopsyche.

7. Rhopalopsyche bifasciata.

Rhopalopsy he bifasciata, Butler, Proc. Zool. Soc. Lond. 1875, p. 239, pl. 36, fig. 4. Allied to Rhopalopsyche nycleris, Kollar. Type in Collection, F. Moore.

Recorded from S. India.

8. RHOPALOPSYCHE NYCTERIS.

Macroglossa nycteris, Kollar, Hügel Kaschmir, iv. 2, p. 458, pl. 19, fig. 5, (1844).
Macroglossa volucris, Walker, Cat. Lep. Het. B. M. viii, p. 94, No. 16, (1856). Rhopalopsyche nycteris, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 523.

Recorded from Sylhet, Kasaoli, Masuri, Simla, Barrackpur.

In Indian Museum are specimens from Sikkim, Shillong, N. Khasi Hills, Kulu.

In Collection, Swinhoe, from Kasauli, Sikkim.

Genus Macroglossa.

9. Macroglossa stellatarum.

Sphinx*stellatarum, Linn., Syst. Nat. 1, 2, p. 803, No. 27, (1767) Sesia stellatarum, Fabr., Ent. Syst. iii, 1, p. 880, No. 5, (1793).

Psithyros stellatarum, Hüb., Verz. Bek. Schmett, p. 132, No. 1409, (1816).

Walker, Cat. Lep. Het. B. M. viii, p. 86, (1856).

Macroglossa stellaturum, Swinhoe, Proc. Zool, Soc. Lond. 1884, p. 514, No. 8.

Trans. Ent. Soc. Lond. 1885, p. 347.

Recorded from Europe, Africa, and Asia.

In Indian Museum are specimens from S.-W. Bohemia, Transcaucasus, Calcutta, Kulu.

In Collection, Swinhoe, are specimens from the Punjab, Persia, Afghanistan, and Sind.

10. MACROGLOSSA INSIPIDA.

Macroglossa insipida, Butler, Proc. Zool. Soc. Lond. 1875, p. 242, No. 12.

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 92, fig. 3 imago, figs. 3u, 3b, larva and pupa.

Recorded from Ceylon. In Collection, Swinhoe, are specimens from Ceylon.

11. MACROGLOSSA AFFICTITIA.

Macroglossa affictitia, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 7.

Trans. Zool. Soc. Lond. ix, 1876, p. 524.

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 3.

Nearly allied to *M. gyrans, M. belic*, and *M vialis*. Type in Collection, F. Moore.

Recorded from Ceylon, Bangalore, Kanara.

In Indian Museum are specimens from Bangalore, Ceylon.

12. MACROGLOSSA VIALIS.

Macroglossa vialis, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 5.

Trans. Zool. Soc. Lond. ix, 1876, p. 524.

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 2.

Allied to M. ayrans.

Type in Collection, F. Moore.

13. MACROGLOSSA GYRANS.

Recorded from Kanara, Ceylon.

Macroglossa gyrans, Walker, Cat. Lep. Het. B. M. viii, p. 91, No. 11, (1856).

Boisd., Spec. Gén. Lep. Het. 1875, p. 336 *

Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 524.

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 1.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from N. India, Bengal, Bombay, Madras, Neilgherries, Ceylon.

In Indian Museum are specimens from Behar, Cachar,

In Collection, Swinhoe, from Mhow, Poona, Karachi, Deesa, Bombay.

14. MACROGLOSSA REGULUS.

Macroglossa regulus, Boisd., Spec. Gén. Lep. Het. 1875, i, p. 335.-Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 633.

Recorded from Coromandel. Allied to M. gyrans.

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15. Macroclossa pervens.

Allied to M. gyrans and M. approximata. Recorded from Kanara. Type is in British Museum.

16. MACROGLOSSA BOMBYLANS.

Macroglossa bombylans, Boisd., Spec. Gén. Lep. Het. 1875, p. 334.*

Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 525.

Macroglossa gilia, Walker (nec Herrich-Schäffer), Cat. Lep. Het. B. M. viii, p. 93, No. 15, (1856).

Recorded from N. India, Nepal, Dehra Dun, Java, Hongkong, Madagascar.

In Collection, Swinhoe, are specimens from India.

17. MACROGLOSSA LEPCHA.

Macroglossa lepcha, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 635. Recorded from Calcutta.

Allied to M. bombylans.

18. MACROGLOSSA BELIS.

Sphinz belis, Cramer, Pap. Exot. i, p. 147, pl. 94, fig. C, (1776).

Macroglossa assimilis. Swainson, Zool. Ill. Scr. i, 1820, vol. i, pl. 64.*

Macroglossa zena, Boisd., Spec. Gén. Lep. Het. 1875, i, p. 337.*

Macroglossa phyrrhula, Boisd., l. c., p. 338.*

Macroglossa belis, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 526, pl. 90, figs. 6, 7,

larva and pups.

Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 287.

Recorded from the Himalayas, Simla, Bombay, Kanara, China. In Indian Museum are specimens from Sikkim, Buxa, Shillong, Cachar, Kulu, Calcutta. In Collection, Swinhoe, from Karachi.

19. Magroglossa luteata.

Macroglossa luteata, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 37, fig. 5.

Trans. Zool. Soc. Lond. ix, 1876, p. 526.

Allied to M. proxima, Butler.

Recorded from Sylhet.

Type in Collection, F. Moore.

In Indian Museum are specimens from Cachar.

In Collection, Swinhoe, from Sylhet.

20. Macroglossa proxima.

Macroglossa proxima, Butler, Proc. Zool. Soc. Lond. 1875, p. 4, pl. 1, fig. 1.

Trans. Zool. Soc. Lond. ix, 1876, p. 526.

Moore, Lep. Ceyl. ii, 1882, p. 29, pl. 91, figs. 1, 1a, 1b, larva, pupa, and imago.

Recorded from Ceylon, Sylhet, Kanara.

In Indian Museum are specimens from Sibsagar.
In Collection, Swinhoe, from Ceylon.

21. MACROGLOSSA AQUILA.

Macroglossa aquila, Boisd., Spec. Gén. Lep. Het. i, 1875, p. 340.*
Butler, Traus. Zool. Soc. ix, 1876, p. 633.

Allied to M. proxima, Butler.

Recorded from Sylhet.

22. MACROGLOSSA TAXICOLOR.

Macroglossa taxicolor, Moore, Proc. Zool. Soc. Lond. 1879, p. 387.

Lep. Ceyl. ii, 1882, p. 29, pl. 90, fig. 3, imago, fig. 3a, larva.

Recorded from Ceylon.

In Collection, Swinhoe, are specimens from Ceylon.

23. MACROGLOSSA INTERRUPTA.

Recorded from Darjiling.

Type in Collection, F. Moore.

24. MACROGLOSSA SITIENE.

Macroglossa sitiene, Walker, Cat Lep. Het. B. M. viii, p. 92, No. 13, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 527, (1876).

Recorded from Sylhet, Moulmein, Sikkim, Dalhousie, Natal.

Type is in British Museum,

In Collection, Swinhoe, are specimens from Dalhousie and Sikkim.

25. Macroglossa gilia.

Recorded from Nipal, Sylhet, Darjiling, Java.

Type is in the British Museum.

In Indian Museum are specimens from Sibsagar, Shillong, Cachar, Buxa, Sikkim, Utacamand.

In Collection, Swinhoe, from Assam and Sikkim.

26. MACROGLOSSA CATAPYRRHA.

Macroglossa catapyrrha, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 36, fig. 6.

Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from North India, Ceylon.

In Collection, Swinhoe, are specimens from Buxa, Bhutan.

27. MACROGLOSSA ORIENTALIS.

Macroglossa orientalis, Butler, Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from Moulmein.

Allied to M. sitiene.

28. MACROGLOSSA BANGALENSIS.

Mccroglossa bengalensis, Boisd., Spec. Gén. Lep. Het. i, p. 341, (1875).*

Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from Pondicherry.

29. Macroglossa hemichroma.

Macroglossa hemichroma, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 1.

Trans. Zool. Soc. Lond. ix, p. 523, (1876).

Recorded from Sylhet.

Type is in Collection, F. Moore.

30. Macroglossa fringilla.

Macroglossa fringilla, Boisd., Spec. Gén. Lep. Het. i, p. 352, (1875).*

Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from India.

31. MACROGLOSSA IMPERATOR.

Macroglossa imperator, Rutler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 4.

Trans. Zool. Soc. Lond. ix, p. 529, (1876).

Rhamphoschisma imperator, Moore, Lep. Ceyl. ii, p. 27, pl. 90, fig. 1, (1882).

Recorded from Ceylon..

Allied to M. Mitchellii, Boisd.

Type is in Collection, F. Moore.

In Indian Museum is a specimen from Sikkim.

32. Macroglossa rectifascia.

Recorded from Ceylon.

Recorded from Ceylon.**

In Collection, Swinhoe, are specimens from Ceylon.**

The Recorded from Ceylon.

Recorded from Ceylon.**

In Collection, Swinhoe, are specimens from Ceylon.**

33. Macroglossa divergens.

Macroglossa divergens, Walker, Cat. Lep. Het. viii. p. 94, No. 17, (1856).

Boisd., Sp. Gén. Lep. Het. i, p. 355, (1875).

Rhamphoschisma divergens, Moore, Lep. Ceyl. ii, p. 27, pl. 92, fig. 2, (1882).

Recorded from Ceylon.

34. MACROGLOSSA NIGRIFASCIATA.

Macroglossa nigrifasciata, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 37, fig. 3.

Rhamphoschisma nigrifasciata, Moore, Lep. Ceyl. ii, p. 28, pl. 92, fig. 1, (1882).

Recorded from Ceylon.

35. Macroglossa glaucoptera.

Macrogiosea glaucoptera, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 36, fig. 9.

Rhamphoschisma glaucoptera, Moore, Lep. Ceyl. ii, p. 28, pl. 91, fig. 2, (1882).

Recorded from Ceylon.

Genus Rhodosoma.

36. RHODOSOMA TRIOPUS.

Recorded from Sylhet, Assam.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

Genus Lophura.

37. LOPHURA MASURIENSIS.

Lophura masuriensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 244, pl. 36, fig. 3.

Trans. Zool. Soc. Lond. ix, p. 537, (1876).

Recorded from Masuri, N.-W. Himalayas, Assam.

Type is in Collection, F. Moore.

In Indian Museum are specimens from Sibsagar.

In Collection, Swinhoe, from Sibsagar.

38. LOPHURA PUSILLA.

Lophura pusilla, Butler, Proc. Zool. Soc. Lond. 1875, p. 244, No. 17, (1875).

Trans. Zool. Soc. Lond. ix, p. 537, (1876).

Recorded from Sylhet.

Type in Collection, F. Moore.

In Indian Museum is a specimen from Cachar.

39. LOPHURA PUMILIO.

Lophura pumilio, Boisd., Spec. Gén. Lep. Het. i, p. 311, (1875).

Butler, Trans. Zool. Soc. Lond, ix, p. 632, (1876).

Recorded from Sylhet.

Closely allied to L. pusilla, Butler.

40. LOPHURA HYAS.

Lophura hyas, Walker, Cat. Lep. Het. B. M. vili, p. 107, No. 3, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 538, pl. 90, figs.

1, 2, 3, larva and pupa, (1876).

Recorded from Hongkong, Java, Sylhet.

In Collection, Swinhoe, is one example from Sikkim, and a very pale, but otherwise identical, specimen from Mhow.

41. LOPHURA ASILIFORMIS.

Sphinx asiliformis, Fabr. Ent. Syst. iii, i, p. 357, No. 7, (1798). • Thyris (?) asiliformis, Walker, Cat. Lep. Het. B. M. viii, p. 260, (1856). Lophura asiliformis, Butler, Trans. Zool. Soc. Lond. ix, p. 538, (1876).

Recorded from India.

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42. Lophura himachala.

Lophura himachala, Butler, Proc. Zool. Soc. Lond. 1875, p. 621. --- Trans. Zool. Soc. Lond. ix, p. 636, (1876).

Recorded from N.-E. Himalayas.

43. LOPHUBA EREBINA.

Lophura erebina, Butler, Proc. Zool. Soc. Lond. 1875, p. 621. - Trans. Zoof. Soc. Lond. ix, p. 636, (1876).

Recorded from N.-W. India.

Sub-family II.—CHAEROCAMPINÆ.

Genus Acosmeryx.

44. ACOSMERYX CINEREA.

Acosmeryx cinerea, Butler, Proc. Zool. Soc. Lond. 1875, p. 245 Ill. Typ. Lep. Het. B. M. v. p. 1, pl. 78, fig. 1, (1881). --- Moore, Lep Ceyl. ii, p. 21, pl. 89, fig. 2, imago, fig. 2a, larva and pupa, (1882). Acosmeryx shervillii, Boisd., Sp. Gén. Lep. Het. i., p. 216, (1875).* But'er, Trans. Zool. Soc. Lond. ix, p. 631, (1876).

Recorded from Sylhet, Sikkim, Ceylon.

Allied to A. sericeus.

Type is in British Museum.

In Indian Museum are specimens from Sibsagar and Sikkim.

In Collection, Swinhoe, from Sylhet and Sikkim.

45. Acosmeryx sericeus.

Philampelus sericens, Walker, Cat. Lep. Het. B. M. viii, p. 181, No. 13, (1856). Acosmeryx arccoides, Boisd., Sp. Gen. Lep. Het i, p 216, (1875).* Acosmerys seriens. Butler, Trans. Zool. Soc. Lond. ix, p. 541, (1876). Ill. Typ. Lep. Het. B. M. v, p. 1, pl. 78, fig. 2, (1881).

Recorded from Sylbet, Sikkim.

Type is in British Museum. In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sylhet and Sikkim.

46. ACOSMERYX ANCKUS.

Sphinx anceus, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. A. (1781). Enyo anceus, Hübner, Verz. Bek. Schmett, p. 132, No. 1423, (1816). Walker, Cat. Lep. Het. B. M. viii, p. 119, (1856). Philampelus ancous, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 270, No. 624, pl. 9,

figs. 4, 4a, larva and pupa. (1857).

Acosmery anoeus, Butler, Trans. Zool. Soc. Lond. 1876, p. 544, pl. 90, figs. 11 and 12, larva and pupa.

Recorded from Amboina, Java, Penang, Sylhet, Sikkim. S. India. In Indian Museum is a specimen from Sikkim. In Collection, Swinhoe, from Sylhet and Sikkim.

47. Acosmeryx Pseudonaga.

Acosmeryx pseudonaga, Butler, Ill. Typ. Lep. Het. B. M. v, p. 2, pl. 88, fig. 3, (1881).

Recorded from Bhutan.

Allied to A. naga.

48. ACOSMERYX NAGA.

Philampelus naga, Moore, Cat. Lep. E. 1. Comp. Mus. i, p. 271, (1857).

Wulker, Cat. Lep. Het. B. M. xxxi, p. 33, (1864).

Recorded from Sikkim, Simla.

In Indian Museum are specimens from Sikkim; in Collection Swinhoe, from Sikkim and Simla.

Genus Ampelophaga.

49. Ampelophaga fasciosa.

Ampelophaga fasciosa, Moore, M. S., not yet described (May, 1856),

Allied to A. rubiginosa, Bremer and Grey, (Pekin).

In Indian Museum are specimens from Kulu; in Collection, Swinhoe, from Simla and Sikkim.

Genus Elibia.

50. ELIBIA DOLICHUS.

Charocampa dolichus, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 1, (1848), Elibia dolichus, Walker, Cat. Lep. Het. B. M. viii, p. 149, No. 1, (1856).

Butler, Trans. Zoel. Soc. Lond. ix, p. 547, (1876).

Recorded from Sylhet and Sikkim.

Type is in British Museum.

In Indian Museum are specimens from Sikkim and Sibsagar.

In Collection, Swinhoe, from Sylhet and Sikkim.

51. Elibia dolichoides.

Philampelus dolichoides. Felder, Reise Novara Lep. iv, pl. 76, fig. 8, 9, (1874). Pergesa dolichoides, Meore, Proc. Zool. Soc. Lond. 1874, p. 577. Elibia dolichoides, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Recorded from Sikkim.

In Collection, Swinhoe, from Sikkim.

Genus Pergesa.

52. PERGESA ACUTA.

Zonilia acuta, Walker, Cat. Lep. Het. B. M. viii, p. 195, No. 7, 41856).

Pergesa (?) acuta, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Pergesa castor, (part), Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 5, (1856).

Recorded from Sylhet, Java.

· 53. Pergesa acteur.

 Sphinx acteus, Cramer, Pap. Exot. iii, p. 93, pl. 248, fig. A, (1779).

 Oreus acteus, Hübner, Verz. Bek. Schmett, p. 136, No. 1462, (1816).

 Pergesa acteus, Wulker, Cat. Lep. Het. B. M. viii, p. 153, No. 6, (1856).

 Moore, Cat. Lep. Mus. E. I. Comp. i, p. 272, pl. 10, figs. 1, la, larva and pupa, (1857).

 Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).

 Moore, Lep. Ceyl. ii, p. 23, pl. 88, fig. 1, imago, fig. 1a, larva and pupa, (1882).

 Swiuhoe, Proc. Zool. Soc. Lond. 1885, p. 288.

 Chærocampa acteus, Boisd., Sp. Gón. Lep. Het. i, p. 257, (1875).*

 Recorded from Sylhet, Bengal, Moulmein, Ceylon, Borneo, Java.

 In Indian Museum are specimens from Calcutta Sibsagar

Recorded from Sylhet, Bengal, Moulmein, Ceylon, Bornco, Java.
In Indian Museum are specimens from Calcutta, Sibsagar,
Sikkim, Kulu, Ceylon, and the Andaman Islands.

In Collection, Swinhoe, from Solun, Darjiling, Belgaum, Poona, Sylhet.

54. PERGESA VELATA.

Pergesa velata. Walker, Cat. Lep. Het. B. M. xxxv, p. 1853, (1866).

Butter, Trans. Zool. Soc. Lond ix, p. 548, (1876).

111. Typ. Lep. Het. B. M. v, p. 3, pl. 78, fig. 5, (1881).

Pergesa castor, Moore, (nec Walker,) Cat. Lep. Mus. E. I. Comp. i, p. 273, (1857).

Recorded from Darjiling.

Type is in British Museum.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

55. PERGESA OLIVACEA.

Pergesa olivacea, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.

Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).

Pergesa castor, var. B, Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 5, (1856).

Recorded from Sylhet, Simla.

In Indian Museum are specimens from Shillong, North Khasi Hills, Sikkim.

In Collection, Swinhoe, from Simla, Sikkim, Sylhet.

56. Pergesa (?) Macroglossoides.

Perigonia macroglossoides, Walker, Cat. Lep. Het. B. M. xxxv, p. 1851, (1866). Pergesa (?) macroglossoides, Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876). Recorded from Darjiling.

57. PERGESA CASTANEA.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Sattara.

58. Pergesa vampyrus.

Sphinz vampyrus, Fabr., Mant. Ins. ii, p. 98, No. 66, (1787).

Pergesa vampyrus, Butler, Trans. Zool. Soc. Lond. ix, p. 549, (1876).

Recorded from E. Indies.

59. Pergesa ægrota.

Pergesa agrota, Butler, Proc. Zool. Soc. Lond. 1875, p. 246. - Trans. Zool. Soc. Lond. ix, p. 549, pl. 92, fig. 2, (1876). Recorded from Sylhet.

Type is in Collection, F. Moore.

60. Pergesa aurifera.

Pergesa aurifera, Butler, Proc. Zool. Soc. Lond. 1875, p. 7, No. 11. - Trans. Zool. Soc. Lend. ix, p. 549, (1876). - III. Typ. Lep. Het. B. M. v, p. 2, pl. 78, fig. 4, (1881).

Recorded from Sikkim.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from N.-E. Himalayas and Sikkim.

61. Pergesa gloriosa.

Pergesa gloriosa, Butler, Proc. Zool. Soc. Lond. 1875, p. 246. - Trans. Zool. Soc. Loud. ix, p. 549, pl. 92, fig. 3, (1876).
- Ill. Typ. Lep. Het. B. M., p. 3, pl. 78, fig. 6, (1881). Recorded from Darjiling. Type is in Collection, F. Moore. In Collection, Swinhoe, are specimens from Darjiling.

Genus Panacra.

62. PANACRA BUSIRIS.

Panacra busiris, Walker, Cat. Lep. Het. B. M. viii, p. 158, No. 6, (1856). Butler, Trans., Zool. Soc. Lond. ix, p. 549, (1876). --- Ill. Typ. Lep. Het. B. M. v, p. 6, pl. 79, fig. 2, (1881). Recorded from Sylhet, Sikkim.

Type is in the British Museum.

In Indian Museum is one specimen from Sikkim.

In Collection, Swinhoe, from India.

63. PANACRA TESTACEA.

Perigonia testacea, Walker, Cat. Lep. Het. B. M. viii, p. 102, 3, (1856), and xxxi, p. 29, (1864).

Agonya emilia, Boisd., Sp. Gén. Lep. Het., p. 318, pl. 8, fig. 1, 3, (1875). Panacra ella, Butler, Proc. Zool. Soc. Lond. 1875, p. 216.

Trans. Zool. Soc. Lond. ix, p. 550, pl. 92, fig. 7. 2, (1876).

Agonyx testacea, Moore, Lep. Ceyl. ii, p 26, pl. 89, fig. 1, (1882).

Recorded from Sylhet and Ceylon.

Butler's type is in Collection, F. Moore.

'Walker's and Butler's descriptions are from faded specimens, (Moore).

64. Panacra assamensis.

Deilephila assamensis, Boisd. MS.* Panacra assamensis, Walker, Cat. Lep. Het. B. M. viii, p. 160, No. 3, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Recorded from Sylhet. Type is in the British Museum.

65. PANACRA AUCOMEDON.

Deilephila automedon, Boisd., MS.*

Panacra automedon, Walker, Cat. Lep. Het. B. M. viii, p. 154, No. 1 2, (1856).

Panacra truncata, Walker, 1. c., p. 160, No. 8, 3, (1856).

Agonya automedon, Butler, Ill. Typ. Lep. Het. B. M. v, p. 6, pl. 79, fig. 1, (1881). Recorded from Sylhet. Type is in the British Museum.

In Collection, Swinhoe, are specimens from India.

66. Panacra mydon.

Deilephila Mydon, Boisd., MS.* Panacra Mydon, Walker, Cat. Lep. Het. B. M. viii, p. 155, No. 2, (1856).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 5, pl. 78, fig. 9. (1881): Panacra scapularis (Part), Walker, l. c , p. 157, No. 5, (1856). Recorded from Sylhet and Barrackpur. In Indian Museum are specimens from Sibsagar.

In Collection, Swinhoe, from Sibsagar,

67. PANACRA MINUS.

Sphinx minus, Fabr., Maut. Ins. ii, p. 96, No. 44, (1787).

Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876). Charocampa minus, Walker, Cat. Lep. Het. B. M. viii, p. 262, (1856). Recorded from India.

68. PANACRA METALLICA.

Panacra metallica, Proc. Zool. Soc. Lond. 1875, p. 6, No. 9. --- Trans, Zool, Sec. Lond. ix, p. 550, (1876). Allied to P. mydon. Recorded from N. India. Type is in the British Museum.

69. PANACRA VARIOLOSA.

Panacra variolosa, Walker, Cat. Lep. Het. B. M. viii, p. 156, No. 4, (1856). - Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1878). Recorded from Sylhet and Sikkim. Allied to P. vaguns.

'In Indian Museum is a specimen from Sikkim.

70. PANACRA SCAPULARIS.

Panacra scapularis, Walker, Cat. Lep. Het. B. M. viii, p. 157, No. 5, (1856). - Moore, Cat. Lep. E. I. Comp. Mus., p. 269, pl. ix, figs. 5, 5a, larva and pupa, (1857). - Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876). var. Panacra elegantulus, Herrich Schaffer, Aus. Europ. Schmett, pl. 83, fig. 479, (1858).*

Recorded from Java and Sylhet. In Indian Museum are two doubtful specimens from Sibsagar.

71. PANACRA VIGIL.

Sphinz vivil, Guer., Delessert's Voy. dans l'Inde, pt. ii, p. 80, pl. 23, fig. 1, (1843). Sphinx phanyx, Herr Schäffer, Aus. Europ, Schmott., pl. 83, fig. 478, (1858).

Panacra lignaria (part), Walker, Cat. Lep. Het. B. M. vii, p. 156, (1856). Anceryx phanyx, Walker, Cat. Lep. Het. B. M., vol. xxxi, p. 36, (1864). Panacra vigil, Moore, Cat. Lep. Mus. E. I. Comp. i, p. 270, (1857). Semper, Verhandl, Zool. Botan. Gesell., Wicu, p. 699, (1867). Butler, Trans. Zool. Soc. Loud. ix, p. 551, (1876). Moore, Lep. Ceyl. ii, p. 25, pl. 87, figs. 3, 3a, 3b, image, larva and pupa, (1882). Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 287. Recorded from Coimbatoor, Bombay, S. India, Ceylon, and

Philippine Islands.

In Collection, Swinhoe, are specimens from Poona, Bombay, Lower

72. Panacra (?) bubastus.

Sphinx bubastus, Cramer, Pap. Exot. ii, p. 84, pl. 149, fig. E, (1777). Amblupterus bubastus, Hübner, Verz. Bek, Schmett., p. 133, No. 1431, (1816). Calliomna bubastus, Walker, Cat. Lep. Het. B. M. viii, p. 112, No. 6. (1856). Panacra (!) bubastus, Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876). Recorded from Coromandel.

73. PANACRA PERFECTA.

Panacra perfects, Butler, Proc. Zool. Soc. Lond. 1875, p. 391. - Trans. Zool. Soc. Lond. ix, p. 637, (1876). - Ill. Typ. Lep. Het. B. M. v, p. 4, pl. 78, fig. 8, (1881). Recorded from Darilling. Type is in the British Museum. In Indian Museum is one specimen from Sikkim.

74. Panacra vagans.

Panacra vagans, Butler, Ill. Typ. Lep. Het. B. M. v, p. 4, pl. 78, fig. 7, (1881). Recorded from Borneo and Bhutan. Allied to P. variolosa.

75. PANACRA INSIGNIS.

Panaera insignis, Butler, Ann. Nat. Hist., vol. x, p. 432, (1882). Recorded from the Andaman Islands.

Allied to P. vigit.

Genus Microlophia.

76. MICROLOPHIA SCULPTA.

Microlophia sculpta, Felder, Reise Novara Lep., pl. 75, fig. 9, (1874). - Butler, Trans. Zool. Soc. Lond. ix, p. 552, (1876). Recorded from S. India and Siam.

Type is in Collection, F. Moore.

Genus Cyps.

77. CYPA INCONGRUENS.

Cypa incongruens, Butler, Ill. Typ. Lep. Het. B. M. v, p. 12, pl. 80, figs. 8 and 9, (1881).

Recorded from Darjiling.

In Indian Museum is a specimen from Sikkim.

78. Cypa ferruginea. Cypa ferruginea, Walker, Cat. Lep. Het. B. M. xxxi, p. 42, (1864). Boisd., Sp. Gén. Lep. Het. B. M., p. 53, (1875).* Butler, Trans. Zool. Soc. Lond. ix, p. 554, (1876). - Moore, Lep. Ceyl. ii, p. 8, pl. 79, fig. 3, (1882). Recorded from Ceylon. Genus Cherocampa. 79. CHÆROCAMPA ELPENOR. Sphinx elpenor, Linn., Faun. Succ., p. 288, No. 1089, (1746).* Oreus elpenor, Hübner, Verz. Bek. Schmett., p. 136, No. 1463, (1816). Deilephila elpenor, Stevens, Ill. Brit. Ent. Haust. i, p. 131, (1828).* Charocampa elpenor, Westw and Humph., Brit. Moths, i, p. 22, pl. 51, figs. 7 and 8, (1843-45).* -- Butler, Trans. Zool. Soc. Loud. ix, p. 554, (1876). Recorded from Europe. In Collection, Swinhoe, are specimens from Simla and Karachi. In Indian Museum is a specimen from Europe. 80. CHÆROCAMPA MACROMERA. Chærocampa macromera, Butler, Proc. Zool. Soc. Lond. 1875, p. 7. - Trans. Zool. Soc. Lond. ix, p. 554, (1876). Hammond, Ent. xiii, p. 280, var. of larva, (1850). - Butler, Ill. Typ. Lep. Het. B M., p. 7, pl. 79, fig. 3, (1881).--- Kane, Eut. xx, p. 234, larva, (1882). Chierocampa elpenor, var., Walker, Cat. Lep. Het. B. M. viii, p. 128, (1856). Charocampa rivularis, Boisd., Sp. Gén. Lep. Het., p. 280, (1875).* Recorded from Sylhet and Shillong. Type is in the British Museum. In Indian Museum are specimens from Shillong. In Collection, Swinhoe, from Shillong. Chærocampa macromera, C. fraterna, and C. elpenor, are very closely allied. 81. Chærocampa fraterna. Chærocampa fraterna, Butler, Proc. Zool. Soc. Lond. 1875, p. 247. - Trans Zool Soc. Lond. ix, p. 554, (1876). · Ill. Typ. Lep. Het. B. M. v, p. 7, pl. 79, fig. 4, Recorded from Simla, Almora. In Indian Museum is a specimen, from Sikkim, besides others without history.

82. CHÆROCAMPA MIRABILIS.

Charocampa mirabilis, Butler, Proc. Zool. Soc. Lond. 1875, p. 248. Trans. Zool. Soc. Lond. is, p. 554, pl. 92, fig. 1, (1876).

In Collection, Swinhoe, from Simla and Sikkim.

Recorded from N.-W. Himalayas. Type is in Collection, F. Moore.

Closely allied to C. macromera.

83. CHÆROCAMPA ALECTO.

Chærocampa cretica, Roberts and Butler, Proc. Zool. Soc. Lond. 1880, p. 411, pl. 39, fig. 8, larva.

Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 346.

Recorded from Turkey, N. India, Sylhet, and Bombay. In Indian Museum are specimens from Sikkim, Calcutta, Raniganj, Sibsagar, Buxa, and Karachi.

In Collection, Swinhoe, from Kasauli, Darjiling, Mhow, Poona, Bombay.

84. CHÆROCAMPA ELEGANS.

Chærocampa elegans, Butler, Proc. Zool. Soc. Lond. 1875, p. 8. pl. 2, fig. 1.

Trans. Zool. Soc. Lond. ix, p. 556, (1876).

Recorded from Java and Sylhet. Type is in the British Museum. Closely allied to C. Theylia.

85. CHÆROCAMPA THEYLIA.

Sphinx theylia, Linn., Syst. Nat. 12, 803, 24, (1767).

Sphinx thyelia (sic), Fabr, Sp. Ins. ii, 153, 60, (1781).

Sphinx bosrhaviæ, Fabr., Sp. Ins. ii, 148, 39, (1781).

Sphinx pluto, Fabr., Sp. Ins. ii, 148, 40, (1781).

Sphinx pinastrina. Martyu, Psyche, pl. 30, fig. 85, (1797).

Sphinx octopunctata, Gmel., Syst. Nat. i, 5, 2386.*

Isoples Theylia, Hübu., Verz. Bek. Schmett., p. 135, 1455, (1816).

Chærocampa eson (part), Walker, Cat. Lep. Het. B. M. 7iii, p. 137, No. 17, (1856).

Chærocampa thyelia (sic), Moore, Cat. Lep. Mus. E. I. Comp. i, p. 276, No. 638, (1857).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 288, No. 13.

Charocampa theylia, Butler, Traus. Zool. Soc. Lond. ix, p. 556, No. 13, (1876).

Forsayeth, Traus. Ent. Soc. Lond. 1884, p. 388, pl. 15, larva.

Recorded from India, Ceylon, China, Java, and Sarawak. In Indian Museum are specimens from Calcutta, N.-E. Frontier, Ceylon, and Java.

In Collection, Swinhoe, from Deesa, Bombay, Mhow, Sikkim, Poona, Simla, Karachi, Ceylon.

86. Chærocampa rafflesii.

Charocampa rafflesii, Butler, Trans. Zool. Soc. Lond. ix, p. 556, (1876).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Isoples rafflesii, Moore, Lep. Ceyl. ii, p. 19, pl. 84, fig. 3, (1882).

Sphinx theylia, Cramer, Pap. Exot. iii, i, p. 58, pl. 226, fig. F, (1779).

Recorded from Bombay, Kanara, Ceylon, Madras, and Java. Type is in the British Museum.

In Indian Museum are specimens from Sikkim, Utakamand, and Java.

In Collection, Swinhoe, from Poona, Bombay, Ceylon.

87. CHEROCAMPA STIPULARIS.

Chærocampa stipularis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 346, pf. 9, fig. 1.

Recorded from Afghanistan. Type is in the British Museum.

88. CHEROCAMPA CELERIO.

Sphinx celerio, Linn., Syst. Nat., ed xii, p. 800, No. 12, (1767).
Cramer, Pap. Exot. ii, p. 42, pl. 125, fig. E. (1775).
Sphinx tisiphone, Linn., Syst. Nat., ed. xii, p. 803 No. 23 (1767)
Hippution celerio, Hübner, Verz. Bek, Schmett, p. 135, No. 1450 (1816)
Moore, Lep. Ceyl, ii, p. 16, pl. 84, fig. 4, (1882)
Hippotion ocys. Hübner, l. c., p. 135, No. 1451, (1816).
Deilephila celerio, Stephens, Ill. Brit. Ent. Haust. i, p. 128, (1828).*
Phalana inquinalis, Harris, Ex., p. 93, pl. 28, fig. 1, (1781).*
Charocampa celerio, Duponchel, Lep. France, Suppl. ii, p 159, (1835).*
Wilker Cut Lon Het D. M. 120 M. a. com
Walker, Cat. Lep., Het. B. M. viii, p. 128, No. 2, (1856).
Moore, Cat. Lep. Mus., E I. Comp. i, p. 274, pl. 11, figs. 1,
1a, (1857).
Boisd., Sp. Gén Lep. Het. i, p. 238, No. 18, (1875).*
Butler, Trans. Zool. Soc., Lond., iv. p. 557 No. 23 (1976)
Kirby, Ent. Monthly Mag, xiv. p. 185, (1877)
Green, Entomologist, xiv. p. 255, (1881).
Autivillius, Vet. Akad. Handl. Stockholm, vol. 19, No. 5,
р. 139, (1882).
Forsayeth, Trans. Ent. Soc., Lond., 1884 p. 398
Swinhoe, Proc. Zool. Soc., Lond., 1884, p. 513, and 1885, p.
288.
Recorded from Europe, Africa, the whole of India, Java, Borneo,
Australia, and Fiji.
Australia, and righ
In Indian Museum are specimens from Kulu, Calcutta, and Simla.

89. CHECOCAMPA DRANCUS.

Poona, Deesa, Aden.

In Collection, Swinhoe, from Kasauli, Karachi, Bombay, Mhow,

Recorded from the East Indies and West Indies.

90 CHEROCAMPA	OUDENLANDIÆ
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Sphinx oldenlandia, Fabr., Sp. Ins. ii, p. 148, No. 37, (1781).
Xylophanes gortys, Hübner, Samul. Exot. Schmett, Zutr., figs. 513, 514, (1816).
Chærocampa oldenlandiæ, Walker, Cat. Lop. Het. B. M. viii, p. 142, No. 25.
(1856).
Moore, Cat. Lep. Mus. E. I. Comp. i, p. 278, pl. ii, figs. 4, 4a, (1857).
Butler, Trans. Zool. Soc., Lond. ix, p. 559, pl. 91, fig. 1, (1876).
Forsayeth, Trans. Ent. Soc., Lond. 1884, p. 390.
Swinhoe, Proc. Zool. Soc., Lond., 1884, p. 514.
Kylophanes oldenlandia, Moore, Lep. Ceyl. ii, p. 17, pl. 85, figs. 1, 1a, imago and larva, (1882).

Recorded from Landour, Bombay, Karachi, Mhow, Deesa, Ceylon, Shanghai, and Java.

In Indian Museum are specimens from Calcutta, Kulu, Manbhum, and Sikkim.

In Collection, Swinhoe, from Simla, Belgaum, Bombay, Deesa, Karachi, Mhow, Poona, Sikkim.

91. CHÆROCAMPA ROSINA.

Charocampa rosina, Butler, Proc. Zool. Soc., Lond., 1875, p. 248, pl. 37, fig. 6.

Trans. Zool. Soc., Lond. ix, p. 559, (1876).

Recorded from Masuri.

Type is in Collection, F. Moore.

Allied to C. lycetus.

In Indian Museum is a specimen from Sikkim, and one with no history.

In Collection, Swinhoe, from Sikkim.

92. CHÆROCAMPA PUELLARIS.

Chærocampa puellaris, Butler, Proc. Zool. Soc., Lond., 1875, p. 623,
Trans. Zool. Soc., Lond., ix, p. 638, (1876).

Recorded from Rawalpindi and Simla.

Allied to C. oldenlandia.

93. CHÆROCAMPA SILHETENSIS.

Charocampa silhetensis,	Walker,	Cat.	Lep.	Het.,	В.	M.	viii,	p.	143,	No.	27
-			856).					•	•		
	Butler,	Trans	. Zool	. Soc.,	Lo	nd. i	x, p.	560,	pl.	92, fi	g. 8,
				l pupa,							
<u> </u>		III. T	yp. Le	ep. He	t. B	. M.	v, p.	. 8,	pl.	79, fi	g. 6,
		/11	2011						-		

Xylophanes pivastrina, Moore, Lep. Coyl. ii, p. 18, pl. 87, fig. 2, (1882).

Recorded from Sylhet, Ceylon, Java, and Borneo.

In Indian Museum are specimens from Calcutta, Kulu, and Ceylon.

In Collection, Swinhoe, from India.

94. CHEROCAMPA LYCETUS.

 Sphinz lycetus, Cramer, Pap. Exot. i, p. 96, pl. 61, fig. D, (1775).

 Xylophanes lycetus, Hübner, Verz. Bek. Schmett, p. 136, No. 1457, (1816).

 Chærocampa lycetus, Walker, Cat. Lep. Het. B. M. viii, p. 143, No. 26, (1856).

 Butler, Trans. Zool. Soc., Lond. ix, p. 560, (1876).

Recorded from Bengal.

Allied to C. oldeniandia.

In Indian Museum is a doubtful specimen from Sikkim.

95. CHÆROCAMPA LUCASII.

Chærocampa lucasii,	Walker, Cat. Lep. Het. B. M. viii, p. 141, No. 24, (1856).
	Moore, Cat. Lep. Mus. E. I. Comp. i, p. 277, pl. 11, figs. 3,
	3a, larva and pupa, (1857).
	Boisd., Sp. Gén. Lep. Het. B. M., p. 254, (1875).*
	Butler, Trans. Zool. Soc., Lond. ix, p. 560, (1876).
	(1881).

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Charocampa lucasii, Swinhoe, Proc. Zool. Soc., Lond. 1885, p. 289. Hathia lucasii, Moore, Lep. Ceyl. ii, p. 20, pl. 86, fig. 3, (1882).

Recorded from Sylhet, Bombay, Java, Borneo, and Hongkong. In Indian Museum are specimens from Sibsagar and Java, besides a closely allied form from Australia.

In Collection, Swinhoe, from Bombay, Sylhet.

96. CHÆROCAMPA TENEBROSA.

Charocampa tenebrosa, Moore, Proc. Zool. Soc. Lond., p. 595, (1877). Hathia tenebrosa, Moore, Lep. Ceyl. ii, p. 20, pl. 86, figs. 2, 2a, larva, (1882). Recorded from Ceylon.

97. CHEROCAMPA VELOX.

Sphinx velox, Fabr., Eut. Syst. iii, 1, p. 378, No. 68, (1793).

Charocampa velox, Walker, Cat. Lep. Het. B. M. viii, p. 146, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 561, (1876).

Recorded from India.

Allied to C. porchs and C. tersa.

98. CHÆROCAMPA CLOTHO.

 Sphinx clotho, Drury, Ill. Exot. Ins. ii, p. 48, pl. 28, fig. 1, (1773).

 Cherocampa clotho, Walker, Cat. Lep. Het. B. M. viii, p. 141, No. 23, (1856).

 Semper, Verl. Zool.-botan. Ges. Wien, p. 700, pl. 23, figs. 3a, 3b, 3e, larva and pupa, (1867).

 Butler, Trans. Zool. Soc., London, ix, p. 561, (1876).

 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

 Mathia clotho, Moore, Lep. Ceyl. ii, p. 20, pl. 87, fig. 1, (1882).

 Sphinx batus, var., Fabr. Ent. Syst. iii, p. 377, No. 64, (1793).

Recorded from Sylhet, Moulmein, Masuri, Bombay, and Ceylon. In Indian Museum are specimens from Sibsagar, Sikkim, Raniganj, and Bangalore.

In Collection, Swinhoe, from Bombay, Belgaum, Sikkim and Ceylon.

99. CHÆROCAMPA ASPERSATA.

Chærocampa aspersata, Kirby, Trans. Ent. Soc. Lond. 1877, p. 241.
Waterhouse, Aid, vol. i, pl. 97, (1882).

Recorded from Andaman Islands.

Allied to C. clotho and C. gonograpta; Mr. Butler considers this species to be but a dark variety of C. clotho.

100. CHEROCAMPA PUNCTIVENATA.

Charocampa punctivenata, Butler, Proc. Zool. Soc. Lond. 1875, p. 248.

Trans. Zool. Soc. Lond. ix, p. 562, (1876).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Recorded from Masuri, Sylhet, and Bombay.

Allied to C. clotho.

Type is in Collection, F. Moore.

In Indian Museum are specimens from Sibsagar and Sikkim. In Collection, Swinhoe, from Bombay and Sikkim.

101. CHÆROCAMPA GONOGRAPTA.

Charocampa gonograpta, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.

Trans. Zool. Soc. Lond. ix, p. 562, (1876).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Recorded from Bombay and South India.

Allied to C. clotho. .

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Poona, Belgaum, Bombay.

102. CHÆROCAMPA MINOR.

Cherocampa minor, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.

Trans. Zool. Soc. Lond. is, p. 562, (1876).

Recorded from Masuri.

Allied to C. lineosa.

Type is in Collection, F. Moore.

In Indian Museum is a specimen from Sibsagar.

103. CHÆROCAMPA MAJOR.

Cherocampa major, Butler, Proc. Zool, Soc. Lond. 1875, p. 249.

Trans. Zeol, Soc. Lond. ix, p. 562, (1876).

Recorded from Darjiling and Sylhet.

Allied to C. lineosa.

In Indian Museum are specimens from Sikkim.

In Collection, Swinboe, from Sylhet.

104. CHEROCAMPA LINEOSA.

Charocampa lineosa, Walker, Cat Lep. Het. B. M. viii, p. 144, No. 28, (1856),

Butler, Trans, Zool. Soc. Lond. ix, p. 562, (1876).

Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 79, fig. 7, (1881).

Recorded from Sikkim and Sylhet.

Type is in British Museum.

In Indian Museum are specimens from Cherrapunji and Sikkim.

In Collection, Swinhoe, from Sylhet, Sikkim.

105. CHÆROCAMPA NESSUS.

 Sphinx nessus, Drury, Ill. Ins. Exot. ii, p. 46, pl. 27, fig. 1, (1773).

 — Cramer, Pap. Exot. iii, p. 58, pl. 226, fig. D, (1779).

 Suhinx equestris, Fabr., Ent. Syst. iii, p. 365, Ne. 29, (1793).

 Theretra equestris, Hübner, Verz. Bek. Schmett., p. 135, No. 1446, (1816).

 Charocampa nessus, Walker, Cat. Lep. Het. B. M. viii, p. 140, No. 22, (1856).

 Moore, Cat. Lep. Mus. E. I. Comp. i, p. 276, pl. 11, fig. 2, 2 a, larva and pupa, (1857).

 Butler, Trans. Zool. Soc. Lond. ix, p. 565, larva and pupa,

Butler, Trans. Zool. Soc. Lond. ix, p. 565, larva and pupa, (1876).

Swinhoc, Proc. Zool. Soc. Lond. 1884, p. 514; 1885, . 288.

Charocampa rubicundus, Schaufuss, Nunquam Ottosus, i, p. 18, (1870).*

Theretra nessus, Moore, Lep. Ceyl. ii, p. 22, pl. 86, fig. 1, (1882).

Recorded from Sylhet, Moulmein, Bombay, Karachi, Kanara, Ceylon, Hongkong, and Java.

In Indian Museum are specimens from Sibsagar, Sylhet, Shillong, Sikkim, and Ceylon.

In Collection, Swinhoe, from Karachi, Belgaum, Bombay.

106. CHÆROCAMPA PALLICOSTA.

Charocampa pallicosta, Walker, Cat. Lep. Het. B. M. viii, p. 145, No. 31, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 566, (1876).

Ill. Typ. Lep. Het. B. M. iii, p. 1, pl. 41, fig. 2, (1879).

Gnathothlibus pallicosta, Moore, Lep. Ceyl. ii, p. 21, pl. 84, fig. 6, (1882).

Recorded from Sylhet, Ceylon, and Hongkong.

Type is in the British Museum.

In Collection, Swinhoe, are specimens from Sylhet.

107. CHÆROCAMPA EROTUS.

Sphinz erotus, Cramer, Pap. Exot. ii, p. 12, pl. 104, fig. B. (1777).
Chromis erotus, Hübner, Verz. Bek. Schmett., p. 138, No. 1479, (1816).
Chærocampa erotus, (part), Walker, Cat. Lep. Het. B. M. viii, p. 146, No. 34, (1856).

var. Chærocampa andamanensis, Kirby, Trans. Ent. Soc. Lond. 1877, p. 242.

Waterhouse, Aid, iii, pl. 141, figs. 1-4, (1884).

Recorded from Australia, Solomon Islands, the var. Andamanensis being from the Andaman Islands.

Allied to C. erotoides.

In Indian Museum are two specimens from Australia and one from the Andamah Islands.

108. CHÆROCAMPA PRUNOSA.

Charocampa prunosa, Butler, Proc. Zool. Soc. Lond. 1875, p. 622. Xylophanes prunosa, Moore, Lep. Ceyl. ii, p. 18, pl. 84, fig. 2, (1882).

Recorded from Ceylon.

Allied to C. rosina.

In Collection, Swinhoe, are specimens from India.

Genus Deilephila.

109. Deilephila Livornica.

Sphinx livornica, Esper. Ausl. Schmett. ii, pp. 87, 196, pl. 8, fig. 4, (1785).*
Sphinx lineata, Fabr., Sp. Ins. ii, p. 147, No. 34, (1781).
Sphinx kochlini, Fuessly, Arch. Ins. Gesch. p. 10, pl. 33, figs. 1-6, larva and
pupa, (1794).•
Phryxus livornica, Hüb., Verz. Bek. Schmett., p. 137, No. 1468, (1816).
Deilephila livornica, Stephens, Cat. Brit. Lep. B. M., pt. 1, p. 28, (1850).*
Walker, Cat. Lep. Het. B. M. viii, p. 164, (1856).
Butler, Trans. Zool. Soc. Lond. ix, p. 568, (1876).
Swinhoe, Proc. Zool. Soc. Lond. 1894, p. 513, and 1885, p. 287.
Trans. Ent. Soc. Lond. 1885, p. 846.
Bignell, Entomologist, v., pp. 169, 180, 214, larva and pupa, (1870).*
Hellins, Eut. Monthly Mag. vii, p. 99, larva and pupa.
Recorded from Europe, Tunis, and various parts of India.

Recorded from Europe, Tunis, and various parts of India.

In Indian Museum is a specimen from Sagar, and one received from the Karachi Museum.

In Collection, Swinhoe, are specimens from Simla, Umballa, Karachi, Bombay, Deesa, Mhow, and Quetta.

110. DEILEPHILA LATHYRUS.

Deilephila lathyrus, Walker, Cat. Lep. Het. B. M. viii, p. 172, No. 16, (1856). - Boisd., Sp. Gén. Lep. Het. i, pl. 6, fig. 2, (1875). - Butler, Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 80, fig. 1,

Recorded from Almora.

In Indian Museum is one doubtful specimen with no history.

111. Deilephila Robertsi.

Deilephila Robertsi, Butler, Proc. Zool. Soc. Lond. 1880, p. 412, pl. 39, figs. 9 and 10, larva and pupa.

Recorded from Candahar.

Genus Daphnis.

112. D

DAPHNIS NERII.
Sphina nerii, Linn., Syst. Nat. i, 2, p. 798, No. 5, (1767). ———————————————————————————————————
Daphnis nerii, Hübner, Verz. Bek. Schmett., p. 134, No. 1441, (1816). Walker, Cat. Lep. Het. B. M. viii, p. 488, (1856).
Moore, Cat. Lep. Mus. E. I. Comp. 4, p. 272, pl. 10, figs. 3,3a larva and pupa, (1857).
Butler, Proc. Zool. Soc. Lond. 1881, p. 613 (note), larva and pupa.
Moore, Lep. Ceyl. ii, p. 14, pl. 82, fig. 1, imago fig. 1a, larva au pupa, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 513, 1885, p. 298, larv and pupa.
Forsaycth, Trans. Ent. Soc. Lond. 1884, p. 390, pl. xv, larva an pupa.
Deilophila nerii, Boisd., Faune Ent. de Madag., p. 74, No. 6, (1833).* Charocampa nerii, Curtis, Brit. Ent. xiii, pl. 626, (1837).*
Recorded from Europe, S. Africa, Mauritius, Kanara and Bombay.
In Indian Museum are specimens from Calcutta Sikkim, and

113. Daphnis hypothoüs.

Sphinx hypothous, Cramer, Pap. Exot. iii, p. 165, pl. 285, fig. D. (1780).
Daphnis hypothous, Hübner, Verz. Bek. Schmett., p. 134, No. 1440, (1916).
Darapsa hypothous, (part) Moore, Cat. Lep. Mus. E. I. Comp., p. 271, pl. 10, figs. 2 and 2a, larva and pupa, (1857).

Lep. Ceyl. ii, p. 15, pl. 83, figs. 1 and 1a, imago, larva and pups, (1882). Charocampa hypothous, Boisd., Sp. Gén. Lep. Het., p. 226, (1875). Recorded from Sikkim, Ceylon, Java, Labuan, and Sarawak.

Buxa; also a smaller variety received from the Karachi Museum. In Collection, Swinhoe, are specimens from Roorkee, Karachi, U-

In Indian Museum are specimens from Sikkim, Sibsagar, Calcutta, Ceylon, and the Andaman Islands.

In Collection, Swinhoe, from Ceylon and Sikkim.

tacamand, Mhow, Poona, and Bombay.

114. DAPHNIS MINIMA.

Daphnis minima, Butler, Trans. Zool, Soc. Lond. ix, p. 573, pl. 92, fig. 5, (1876). Recorded from S. India. Type is in Collection, F. Moore.

115. DAPHNIS BHAGA.

Daphnis bhaga, Moore, Proc. Zool. Soc. Lond. 1865, p. 794.

Butler, Trans. Zool. Soc. Lond. ix, p. 673, (1876)

Recorded from N.-E. Bengal.

Type is in Collection, F. Moore.

In Indian Museum are specimens from Sikkim.

116. DAPHNIS ANDAMANA.

Daphnis andamana, Druce, Ent. Monthly Mag. xix, p. 16. Recorded from the Andamau Islands.

Allied to D. bhaga.

117. DAPIINIS LAYARDII.

Daphnis layardii, Moore, Lep. Ceyl. ii, p. 16, pl. 84, fig. 1, (1882). Recorded from Ceylon.

Sub-Family III .- AMBULACINAE.

Genus Ambulyx.

118. Ambulyx substrigilis,

Sphinx (Ambulyx) substrigilis, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 2, (1848).

Ambulyx substrigilis, Walker, Cat. Lep. Het. B. M. viii, p. 122, No. 3, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 579, (1876).

Recorded from Sikkim and Sylhet.

Type is in the British Museum.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

119. AMBULYX MACULIFERA.

Ambulyx maculifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1851, (1866).

Butler, Trans. Zool. Soc. Loud. ix, p. 580, (1876).

Ill. Typ. Lep. Het. B. M. v, p. 10, pl. 80, fig. 3, (1881).

Recorded from Darjiling.

Type is in the British Museum.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

This species is perhaps a variety of A. substrigilis, to which it is very closely allied.

120. AMBULYX CONSANGUIS.

Ambulyx consanguis, Butler, Ill. Typ. Lep. Het, B. M. v, p. 11, pl. 80, fig. 4, (1881).

Recorded from Darjiling.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

This species is perhaps a variety of A. substrigilis, to which it is very closely allied.

121. AMBULYX RHODOPTERA.

Ambulyx rhodoptera, Proc. Zool. Soc. Lond. 1875, p. 251.

Trans. Zool. Soc. Lond. ix, p 580, pl. 93, fig. 8, (1876).

Recorded from Darjiling.

Type is in Collection, F. Moore.

122. Ambulyx sericeipennis.

Ambulyx seriosipennis, Butler, Proc. Zool. Soc. Lond. 1875, p. 251.

Trans. Zool. Soc. Lond. ix, p. 580, (1876).

Recorded from Masuri, Sikkim, and Simla.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Simla and Sikkim.

123. AMBULYX LAHORA.

Ambalyx lahora, Butler, Proc. Zool. Soc. Lond. 1875, p. 251.

Trans. Zool. Soc. Lond. ix, p. 580, pl. 93, fig. 9, (1876).

Recorded from N.-W. Himalayas. Type is in Collection, F. Moore.

124. AMBULYX TURBATA.

Recorded from Darjiling, Bombay, Belgaum, Kanara, and Ceylon. Type is in Collection, F. Moore.

In Indian Museum is a specimen from Sikkim.

In Collection, Swinhoe, from Sikkim and Belgaum.

125. Ambulyx junonia.

Ambulyw junonia, Butler, Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 80, fig. 2, (1881). Recorded from Bhutan.

Allied to A. rubricosa.

126. Ambulyx elwesi.

Ambulya' alwesi, Druce, Ent. Monthly Mag. xix, p. 17, (1882).

Waterhouse, Aid, ii, pl. 136, fig. 3, (1883).*

Recorded from Darjiling.

Type is in Collection, Druce.

In Indian Museum is a specimen from Sikkim.

127. AMBULYX RUBRICOSA.

Ambulyx rubricosa, Walker, Cat. Lep. Het. B. M. viii, p. 122, No. 4, (1856).

Basiana superba, Moore, Proc. Zool. Soc. Lond. 1865, p. 793.

Butler, Traus. Zool. Soc. Lond. ix, p. 582, (1876).

Recorded from Calcutta and Darjiling.

In Indian Museum are specimens from Sikkim, which are very variable in colour.

In Collection, Swinhoe, from Sikkim.

128. Ambulyx auripennis.

Ambulya auripennis, Moore, Proc. Zool. Soc. Lond. 1879, p. 388.

Moore, Lep. Ceyl. ii, p. 11, pl. 79, figs. 1, 1a, 1b, imago, larva and pupa, (1882).

Recorded from Ceylon.

129. Ambulyx thwaitesii.

Ambulyx thwaitesii, Moore, Lep. Ceyl. ii, p. 11, pl. 80, figs. 2, 2a, 2b, imago, larva and pupa, (1882).

Recorded from Ceylon.

Genus Philampelus.

130. PHILAMPELUS (?) ORIENTALIS.

Philampelus orientalis, Felder, Reise Novara, Lep., pl. 77, fig. 1, 3, (1874).

Sub-Family IV.—SMERINTHINAE.

Genus Mimas.

131. MIMAS DECOLOR.

Smerinthus decolor, Walker, Cat. Lep. Het. B. M. viii, p. 255, No. 19, (1856).

Schaufuss, Nunquam Otiosus, i, p. 14, (1871).*

Mimas decolor, Butler, Trans. Zool. Soc. Loud. ix, p. 583, (1876).

Recorded from Darjiling.

In Indian Museum is a specimen from Tavoy.

Genus Polyptychus.

132. Polyptychus dentatus.

Sphinx dentata, Cramer, Pap. Exot. ii, p. 42, pl. 125, fig. G, (1777).

Polyptychus dentatus, Hübner, Verz. Bek. Schmett. p. 141, No. 1514, (1816).

Butler, Trans. Zool. Soc. Lond. ix, p. 583, pl. 91, fig. 10, larva and pupa, (1876).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 395.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

Smerinthus dentatus, Walker, Cat. Lep. Het. viii, p. 252, No. 14, (1856).

Recorded from Bengal, Sikkim, and Bombay.

In Indian Museum are specimens from Sikkim.

133. POLYPTYCHUS TIMESIUS.

Sphinx timesius, Stoll., Suppl. Cramer, Pap. Exot. p. 172, pl. 40, fig. 1, (1790). Sphinx modesta, Fabr., Ent. Syst. iii, i, p. 356, No. 4, (1793). Smerinthus timesius, Walker, Cat. Lep. Het. B. M. viii, p. 252, No. 15, (1856). Polyptychus timesius, Butler, Trans. Zool. Soc. Lond., ix, p. 584, (1876).

Recorded from Tranquebar, Masuri, Sylhet, Nepal, and North China.

Allied to P. dentatus.

In Indian Museum are specimens from the Naga Hills and Sikkim.

Genus Langia.

134. LANGIA ZENZEROIDES.

Langia zenzeroides, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.

Butler, Trans. Zool. Soc. Lond. ix, p. 585, (1876).

Oott, Ent. Monthly Mag. xiv, p. 116, larva and pupa.

Recorded from Simla.

Type is in Collection, Lang.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Simla and Sikkim.

135. LANGIA KHASIANA.

Langia khasiana, Moore, Proc. Zool. Soc. Lond. 1872, p. 568.

Butler, Trans. Zool. Soc. Lond. ix, p. 586, (1876).

Recorded from the Khasi Hills.

Type is in Collection, F. Moore.

Genus Triptogon. .

136. TRIPTOGON CRISTATA.

Triptogon cristata, Butler, Proc. Zool. Soc. Lond. 1875, p. 253, No. 39,
Trans, Zool. Soc. Lond. ix, p. 586, (1876).

Recorded from Sikkim.

Allied to T. gigas.

Type is in Collection, Farr.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

137. TRIPTOGON GIGAS.

Triptogon gigas, Butler, Proc. Zool. Soc. Lond. 1875, p. 253, No. 38.

Trans. Zool. Soc. Lond, ix, p. 586, (1876).

Ill. Typ. Lep. Het. B. M. v, p. 12, pl. 80, fig. 5, (1881).

Recorded from Sylhet.

Type is in the British Museum.

138. TRIPTOGON FLORALE.

Ambulyx floralis, Butler, Trans. Zool. Soc. Lond. ix, p. 639, (1876).

Triptogon florale, Butler, Ill. Typ. Lep. Het. B. M. v, p. 13, pl. 81, fig. 1, (1881).

Recorded from Darjiling.

In Indian Museum is a specimen from Sikkim.

In Collection, Swinhoe, from Sikkim.

139. TRIPTOGON ALBICANS.

Triptogon albicans, Butler, Proc. Zool. Soc. Lond. 1875, p. 254, No. 40.

Trans. Zool. Soc. Lond. ix, p. 586, pl. 93, fig. 6, (1876).

Recorded from Masuri and Dharmsala.

Allied to T. gigans.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Dharmsala.

140. TRIPTOGON DYRAS.

Smerinthus dyras, Walker, Cat. Lep. Het. B. M. viii, p. 250, No. 13, (1856).

Triptogon dyras, Butler, Trans. Zool. Soc. Lond. ix, p. 586, (1876).

Marumbu dyras, Moore, Lep. Ceyl. ii, p. 9, pl. 78, figs. i, ia, ib, ic, imago, larva and pupa, (1882).

Recorded from Sylhet, Sikkim, Kanara, and Ceylon. Type is in the British Museum.

In Indian Museum are specimens from Sikkim and Sibsagar. In Collection, Swinhoe, from Sikkim, Sylhet, Subathu.

141. TRIPTOGON CEYLONICA.

Triptogon ceylonica, Butler, Proc. Zool. Soc. Lond. 1875, p. 255.

Trans. Zool. Soc. Lond. ix, p. 587, (1876).

Smerinthus dyras, 3, Walker, Cat. Lep. Het. E. M. viii, p. 250, (1856).

Marumba ceylonica, Moore, Lep. Ceyl. ii, p. 9, pl. 97, fig. 2, (1882).

Recorded from Ceylon.

A local form of *T. dyras*.

142. Triptogon silhetensis.

Triptogon silhetensis, Butler, Proc. Zool, Soc. Lond. 1875, p. 255, No. 440.

Trans. Zool, Soc. Lond. ix, p. 587, (1876).

Recorded from Sylhet.

A local form of T. dyras.

In Collection, Swinhoe, are specimens from Sikkim and Sylhet.

143. Triptogon oriens.

Triptogon oriens, Butler, Proc. Zool. Soc. Lond. 1875, p. 255, No. 45.

Trans. Zool. Soc. Lond. ix, p. 587, pl. 93, fig. 3, (1876).

Recorded from N.-E. India.

A local form of T. dyras.

Type is in Collection, F. Moore.

144. Triftogon massurensis.

Triptogon massurensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 46,

Trans. Zool. Soc. Lond. ix, p. 587 pl. 93, fig. 5,
(1876).

Recorded from Masuri.

A local form of *T. dyras*.

Type is in Collection, F. Moore.

145. TRIPTOGON FUSCESCENS.

Triptogon fuscescens, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 47.

Trans. Zool. Soc. Lond. ix, p. 587, pl. 93, fig. 2, (1876).

Recorded from Darjiling.
A local form of *T. dyras*.

Type is in Collection, F. Moore.

146. TRIPTOGON DECORATA.

Smerinthus decoratus, Moore, Proc. Zool. Soc. Lond. 1872, p. 568. Triptogon decorata, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876).

Recorded from Sikkim.

147. Triptogon spectabilis.

Triptogon spectabilis, Bufler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 48.

Trans. Zool. Soc. Lond. ix, p. 588, pl. 93, fig. i, (1876).

Recorded from Darjiling.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Darjiling.

148. TRIPTOGON ANDAMANA.

Triptogon andamana, Mocre, Proc. Zool. Soc. Lond. 1877, p. 595.

Recorded from the South Andaman Islands.

149. TRIPTOGON RECTILINEA.

Triptogon rectilinea, Moore, Proc. Zool. Soc. Lond. 1879, p. 388.

Waterhouse, Aid, ii, pl. 140, fig. 5.*

Recorded from N. India.

150. TRIPTOGON INDICA.

Smerinthus indicus, Walker, Cat. Lep. Het. B. M. viii, p. 251, No. 17, (1856).

Triptogon indicu, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876).

Ill. Typ. Lep. Het. B. M. v, p. 13, pl. 81, fig. 2, (1881).

Recorded from N. India.

Type is in the British Museum.

In Indian Museum is a specimen with no history.

Genus Smerinthus.

151. SMERINTHUS KINDERMANII.

Smerinthus kindermanii, Lederer, Verh. Zool. Bot. Ver. Wien, ii, it. 2, p. 92,

(1853).

Erschoff, Lep. Turk., p. 26, No. 81, pl. 2, fig. 19, (1874).*

Calasymbolus kindermanni, Butler, Trans. Zool. Soc. Lond. ix, p. 592, (1876).

Eusmerinthus kindermanni, Butler, Proc. Zool. Soc. Lond. 1880, p. 413, No. 26, pl. 39, figs. 11, 12, larva and pupa.

Recorded from Kandahar, Pontus.

Genus Daphnusa.

152. DAPHNUSA PORPHYRIA.

Daphnusa porphyria, Butler, Trans. Zool. Soc. Lond. ix, p. 640, (1876).

Recorded from Darjiling.

In Collection, Swinhoe, are specimens from Darilling.

Genus Leucophlebia.

153. LEUCOPHLEBIA LINEATA.

Leucophlebia lineata, Westw., Cab. Or. Ent., p. 46, pl. 22, fig. 2, (1948).

Walker, Cat. Lep. Het. B. M. ix, p. 136, No. 1, (1856).

Moore, Cat. Lep. Mus. E. I. Comp. i, p. 65, pl. 8, fig. 5, larva, (1857).

Butler, Trans. Zool. Soc. Lond. ix, p. 594, (1876).

Recorded from Nepal, N. India, and Java.

In Indian Museum are specimens from Goalpara, the Khasi Hills, and Sibsagar.

In Collection, Swinhoe, from India.

154. LEUCOPHLEBIA ROSACEA.

Leucophlebia rosacea, Butler, Proc. Zool. Soc. Lond. 1875, p. 15, pl. 2, fig. 4, 3.
- Trans. Zool. Soc. Lond. ix, p. 595, (1876).
- Moove, Lep. Ceyl. ii, p. 10, pl. 80, fig. 3, (1882).

Recorded from Kasauli, Coimbatore, and Ceylon.

Allied to L. lineatc.

Type is in the British Museum.

In Indian Museum is a specimen from Barrackpur, and one with no history.

155. LEUCOPHLEBIA BICOLOR.

Leucophlebia bicolor, Butler, Proc. Zool. Soc. Lond. 1875, p. 16, No. 33, pl. 2, fig. 5, (1875).

Trans. Zool. Soc. Lond. ix, p. 595, (1876).

Hil. Typ. Lep. Het. B. M. v, p. 11, pl. 80, fig. 6, (1881).

Recorded from Almorah, Bombay, and Mhow.

Allied to L. lineata and L. emittens.

Type is in the British Museum.

In Indian Museum are specimens from Yarkand.

In Collection, Swinhoe, from Simla, Sattara, Mhow.

156. LEUCOPHLEBIA EMITTENS.

Leucophlebia emittens, Walker, Cat. Lep. Het. B. M. xxxv, p. 1858, (1866).

Butler, Traus. Zool. Soc. Lond. ix, p. 595, (1876).

Recorded from India.

Type is in the British Museum.

157. LEUCOPHLEBIA DAMASCENA.

Leucophlebia damascena, Butler, Proc. Zool. Soc. Lond. 1875, p. 392,

Trans. Zool. Soc. Lond. ix, p. 639, (1876).

Ill. Typ. Lep. Het. B. M. v, p. 11, pl. 80, fig. 7, (1881).

Recorded from Sikkim.

Allied to L. bicolor.

In Collection, Swinhoe, are specimens from India.

Genus Clanis.

158. CLANIS DEUCALION.

Basiana deucalion, Walker, Cat. Lep. Het. B. M. viii, p. 236, No. 1, (1856).

Clanis deucalion, Butler, Trans. Zool. Soc. Lond. ix, p. 595, (1876).

Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 394.

Recorded from North India. Closely allied to *C. bilineata*. In Indian Museum are specimens from Shillong.

159. CLANIS BILINEATA.

Recorded from Darjiling and Shanghai. Closely allied to C. deucalion.

In Indian Museum are specimens from Sikkim. In Collection, Swinhoe, from Darjiling.

160. CLANIS CERVINA.

Recorded from Bengal and Madras. In Indian Museum are specimens with no history.

161. CLANIS PUDORINA.

Smerinthus pudorinus, Walker, Cat. Lep. Het. B. M. viii, p. 253, No. 16, (1856).

Basiana pudorina, Butler, Trans. Zool. Soc. Lond. ix, p, 596, (1876).

Percural from Almonah

Recorded from Almorah. Type is in the British Museum.

162. CLANIS EXUSTA.

Basiana exusta, Butler, Proc. Zool. Soc. Lond., 1875, p. 252, No. 37, (1875).

Trans. Zool. Lond. ix, p. 595, pl. 93, fig. 4, (1876).

Recorded from Kunawar, Kashmir, Simla. Type is in Collection, F. Moore. In Collection, Swinhoe, are specimens from Simla.

163. Clanis phalaris.

Sphinz phalaris, Cramer, Pap. Exot. ii, p. 83, pl. 149, fig. A, (1777).

Sphinz pagana, Fabr., Sp. Ins. ii, p. 146, No. 29, (1781).

Clanis phalaris, Hübner, Verz. Bek. Schniett, p. 138, No. 1481, (1816).

Coequosa phalaris, Walker, Cat. Lep. Het. B. M. viii, p. 258, No. 3, (1856).

Basiana cervina (part), Walker, loc. cit., p. 237, No. 2, (1856).

Basiana phalaris, Butler, Trans. Zool. Soc. Lond. ix, p. 596, (1876).

Clanis nicobariensis, Schwarz, Beytr. 1, p. 1.*

Butler, Ill. Typ. Lep. Het. B. M. v, p. 14 (note), (1881).

Recorded from North India.

In Indian Museum are specimens from Sikkim.

Sub-family V.—Achteronthin E.

Genus Acherontia.

164.	ACH	ERONTI	A	STYX.
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Acherontia styx, Westw., Cab. Or. Ent., p. 88, pl. 42, fig. 3, (1848).
Butler, Trans. Zool. Soc. Lond. ix, p 597, (1876).
Moore, Lep. Ceyl. ii, p. 7, pl. 76, fig. 1, 1a, 1b, 1c, imago, larva,
and pupa, (1882).
Forsayoth, Trans. Eut. Soc. Lond. 1884, p. 392.
Swinhoe, Proc. Zool, Soc. Lond, 1885, p. 290, larva,
Acherontia atropos (part), Walker, Cat. Lep. Het. B. M. viii, p. 233, (1856).
Recorded from North India and Turkey in Asia.
In In lian Museum are specimens from Calcutta, Sikkim, Sibsagar,
Tezpur, Kulu, Bangalore, and Java.
In Collection, Swinhoe, from Dugshai, Deesa.

165. Acherontia medusa.

Recorded from Java, Hongkong, Shanghai, Philippiné Islands, and Japan.

166. ACHERONTIA MORTA.

Recorded from Hongkong, Java, Ceylon, Balasore, Sylhet, Bombay, and Mhow.

In Indian Museum are specimens from Calcutta, Khasi Hills, Sibsagar, Sikkim, Goalpara, Buxa, Ceylon, Andaman Islands, and Java.

In Collection, Swinhoe, from Bombay, Poona, Belgaum, Sylhet, Mhow.

Sub-Family VI.—Sphingin A.

Genus Protoparce.

167. PROTOPARCE ORIENTALIS.

Protoparce orientalis, Butler, Trans. Zool. Soc. Lond. ix, p. 609, pl. 91, figs. 16, 17, larva and pupa, (1876).

Moore, Lep. Ceyl. ii, p. 6, pl. 75, figs. 1, 1a-e, imago, larva and pupa, (1882). - Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 391. - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289. Sphinx convolvuli, Moore, Cat. Lep. Mus. E. I. Comp. i, p. 267, No. 616, pl. ix, figs. 3, 3a, larva and pupa, (1857). Recorded from Scinde, Bombay, Manipur, N. Bengal, Moulmein, Ceylon, Java, and Hongkong. Closely allied to P. convolvuli. In Indian Museum are specimens from Calcutta. In Collection, Swinhoe, from Kasauli, Bombay, Poona, Deesa, Neilgherries, Mhow, Karachi.

168. Protoparce convolvuli.

Sphinx convolvuli, Linn., Syst. Nat, ed. xii, p. 798, No. 6, (1767). Fabr., Sp. Ins. ii, p. 150, No. 46, (1781). Walker, Cat. Lep. Het. B. M., viii, p. 212, No. 1, (1856). Boisd., Sp. Gén. Lep. Het. i, p. 94, No. 31, (1875). - Aurivillius, Kongl. Sv. Akad. Hand., Band. 19, No. 5, p. 129, (1882).- Newman, Entomologist, viii, p. 272, larva.* - Snellen, Tijd. Ent. xx, p. 3, (1877). Agrius convolvuli, Hübner, Verz. Bek. Schmett., p. 140, No. 1506, (1816). Protopurce convolvuli, Butler, Trans. Zool. Soc. Lond. ix, p. 609, (1876). Recorded from Europe, Asia, and S. Africa.

Closely allied to P. orientalis.

In Indian Museum are specimens from Calcutta, Goalpara, Darbhanga, Kulu, Sikkim, Sibsagar, and Java.

Genus Psoudosphinx.

169. PSEUDOSPHINX NYCTIPHANES.

Macrosila nyctiphanes, Walker, Cat. Lep. Het. B. M. viii, p. 209, No. 16, (1856).

Pseudosphinx nyctiphanes, Butler, Trans. Zool. Soc. Lond. ix, p. 610, (1876). Ill. Typ. Lep. Het. v, p. 15, pl. 81, fig. 7, (1881).

Recorded from Sylhet.

Type is in the British Museum.

In Indian Museum are specimens from Sylhet, besides representatives of a darker variety of the species from the Andaman Islands and Perak.

In Collection, Swinhoe, from Sylhet.

170. PSEUDOSPHINX INEXACTA.

Macrosila inexaola, Walker, Cat. Lep. Het. B. M. viii, p. 208, No. 14, (1856).

Pseudosphinx inexacta, Butler, Trans. Zool. Soc. Lond. ix, p. 611, (1876).

Ill. Typ. Lep. Het. B. M. v, p. 16, pl. 81, fig. 8, (1881).

Recorded from Masuri.

Type is in the British Museum.

In Indian Museum is one specimen from Cherra.

In Collection, Swinhoe, are specimens from Matheran, Bombay.

171. PSEUDOSPHINX CYRTOLOPHIA.

Pseudosphinx cyrtolophia, Butler, Proc. Zool. Soc. Lond. 1875, p. 259, No. 54.

Trans. Zool. Soc. Lond. ix, p. 611, pl. 92, fig.
6, and pl. 91, figs. 11, 12, 13, imago, larva, and pupa, (1876).

Recorded from Madras.

Type is in Collection, F. Moore.

172. PSEUDOSPHINX FO.

Zonilia fo, Walker, Cat. Lep. Het. B. M. viii, p. 195, No. 6, (1856).

Dolba fo, Butler, Trans, Zool. Soc. Lond, ix, p. 612, No. 1, (1876).

Pseudosphinx fo, Butler, Ill. Typ. Lep. Het. B. M., v, p. 16, pl. 81, fig. 9, (1881).

Recorded from N. India.

Type is in the British Museum.

In Indian Museum are specimens from Sikkim.

Genus Apocalypsis.

173. Apocalypsis velox.

Apocalypsis velox, Trans. Zool. Soc. Lond. ix, p. 611, (1876).

Recorded from Darjiling.

In Indian Museum is a specimen from Sikkim.

Genus Diludia.

174. DILUDIA OBLIQUA.

Macrosilo obliqua, Walker, Cat. Lep. Het. B. M. viii, p. 208, (1856).

Diludia obliqua, Butler, Trans. Zool. Soc. Loud. ix, p. 614, (1876).

Moore, Lep. Ceyl. ii, p. 4, pl. 74, fig. 2, (1882).

Recorded from Ceylon.

175. DILUDIA GRANDIS.

Diludia grandis, Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 56.

- Trans. Zool. Soc. Lond. ix, p. 614, (1876).

Recorded from Nepal.

Type is in Collection, F. Moore.

176. DILUDIA DISCISTRIGA.

Macrosila discistriga, Walker, Cat. Lep. Het. B. M. viii, p. 209, No. 17, (1856).

Moore, Cat. Lep. Mus. E. I. Comp. i, p. 268, (1857).

Meganoton discistriga, Boisd., Sp. Gén. Lep. Het., p. 59, (1875).

Diludia discistriga, Butler, Trans. Zool, Soc. Lond. 1x, p. 615, (1876). —— Ill. Typ. Lep. Het. iii, p. 3, pl. 41, fig. 6, (1879). Moore, Lep. Ceyl. ii, p. 3, pl. 73, fig. 1, 1a, 1b, imago, larva and pupa, (1882).

Recorded from Bombay, Masuri, Ceylon, China, Java, and Borneo. Type is in the British Museum.

In Indian Museum are specimens from Bangalore and Sagar.

In Collection, Swinhoe, from Dharmsala and Bombay.

177. DILUDIA MELANOMERA.

Diludia melanomera, Butler, Proc. Zool. Soc. Lond. 1875, p. 13, No. 27. Trans. Zool. Soc. Lond. ix, p. 615, pl. 94, fig. 4, (1876).

Recorded from Sylhet.

Type is in the British Museum.

In Indian Museum are specimens from Sikkim, besides much faded representatives of a smaller variety from Sibsagar. In Collection, Swinhoe, from Sylhet.

178. DILUDIA RUBESCENS.

Diludia rufescens (sie), Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 57. Diludia rubescens, Butler, Trans. Zool. Soc. Lond. ix, p. 615, (1876).

Recorded from N. India.

Type is in Collection, F. Moore,

179. DILUDIA INCRETA.

Anceryx increta, Walker, Cat. Lep. Het. B. M. xxxi, p. 36, (1864). Diledia increta, Butler, Ill. Typ. Lep. Het. B. M., v, p. 4, pl. 41, fig. 7, (1579).

Diledia increta, Butler, Ill. Typ. Lep. Het. B. M., v, p. 4, pl. 41, fig. 7, (1579).

Diledia increta, Butler, Ill. Typ. Lep. Het. B. M., v, p. 4, pl. 41, fig. 7, (1579). 18, 19, (1876).

Recorded from Shanghai, Masuri, and S. India.

180. DILUDIA VATES.

Dibulia vates, Butler, Proc. Zool. Soc. Loud. 1875, p. 13, No. 28.

______ Moore, Lep. Ceyl. ii, p. 3, pl. 74, tigs. 1, 1a, (1882).
______ Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 289.

Macrosila discistriga (part), Walker, Cat. Lep. Het. B. M. viii, p. 209, (1856).

Anceryx pinastei (?), Walker, Cat. Lep. Het. B. M. viii, p. 223, (1856). Diludia abiotina, Boisd., Sp. Gén. Lep. Het. i, p. 108, No. 47, (1875).*

Recorded from Ceylon, Madras, Sylhet, Himalayas, Moulmein. and Bombay.

Type is in the British Museum.

In Indian Museum is one doubtful specimen from Sikkim.

In Collection, Swinhoe, from Neilgherries, Poona, Bombay,

[N.B. - The larva and pupa of D. increta are figured by Butler, Trans. Zool. Soc. Lond. ix, pl. 91, figs. 18, 19, under the name of D. vates.]

Genus Hyloicus.

181. Hyloicus asiaticus.

Hyloicus asiaticus, Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 58. - Trans. Zool. Soc. Lond. ix, p. 616, (1876).

Recorded from Scinde?
Allied to H. pinastri (Europe), and H. uniformis.
Type is in the British Museum.

182. Hyloicus uniformis.

Hyloicus uniformis, Butler, Proc. Zool. Soc. Lond. 1875, p. 261, No. 59.

Trans. Zool. Soc. Lond. is, p. 616, (1876).

Recorded from Simla.

Allied to II. asiaticus.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Simla.

Genus Sphinx.

183. Sphinx orneus.

Sphine orneus, Westw., Cab. Or. Ent., p. 13, pl. 6, fig. 2, (1848). Recorded from Central India.

184. SPHINX SANGUINOSA.

Sphinx sanguinoso, Martyn, Psyche, pl. 26, figs. 68, 69.*
Recorded from Tranquebar.

Genus Nophele.

185. Nephele hespera.

Recorded from Almorah, Landour, Bombay, Kanara, Coromandel, Ceylon, Australia, and Madagascar.

In Indian Museum are specimens from Calcutta, Sibsagar, Kulu and Ceylon.

In Collection, Swinhoe, from Simla, Bombay, Poona, Mhow, Sattara, Cambellpur, Karachi, Ceylon.

Genus Calymnia.

186. CALYMNIA PANOPUS.

Sphinz panopus, Cramer, Pap. Exot. iii, p. 50, pl. 224, figs. A, B, (1779).

Amblypterus panopus, Hübuer, Verz. Bek. Schmett., p. 133, No. 1430, (1816).

Moore, Lep. Ceyl. ii, p. 13, pl. 81, figs. 1, 1a, 1b, imago, larva and pupa, (1882).

 Smerinthus panopus, Westw., Cab. Or. Ent., p. 13, pl, 6, fig. 2, (1848).

 Calymnia panopus, Walker, Cat. Lep. Het. viii, p. 124, No. 1, (1856).

 Boisd., Sp. Gén. Lep. Het., p. 13, (1875).*

 Butler, Trans Zool. Soc. Loud. ix, p. 625, (1876).

Recorded from Java, Ceylon, and North India. In Indian Museum are specimens from Sylhet. In Collection, Swinhoe, from Neilgherries, Sylhet.

187. CALYMNIA PAVONICA.

Calymnia pavonica, Moore, Proc. Zool. Soc. Lond. 1877, p. 596. Recorded from the South Andaman Islands. Allied to C. panopus.

Besides the specimens enumerated in the Catalogue, there are in the Indian Museum the following, which are either undetermined, or from localities other than India:—

Macroglossa, n. sp., Swinhoc, MS. near M. proxima, a specimen from Johore.

Macroglossa avicula, Boisd., a specimen from Java.

Macroglossa fuciformis, a specimen from Trans, Canensia., Macroglossa corythus, Walker, a specimen from Java.

Acosmeryx, sp., a specimen from Sikkim.

Pergesa, n. sp., Swinhor, allied to P. aurifera, from Shillong.

Charocampa suffusa, Walker, a specimen from Perak, besides one from Johore, which is much faded, but which probably belongs to the same species.

Charocampa, sp., a specimen with no history.

Deilepheila cuphorbia, Liun., a pair from Europe.

Smerinthus ocellatus, Linn., a specimen from Europe, and one with no recorded locality.

Lathoe populi, Linn., a specimen from Europe.

A.

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GROUP BOMBYCES.

FAMILY ÆGERIIDÆ.

Genus Sphecia.

188. SPHECIA CONTRACTA.

Sphecia contracta, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856). I. M., Sibsagar.

189. SPHECIA REPANDA.

Sphecia repanda, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856). N. India.

Genus Pramila.

190. PRAMILA ATKINSONI.

Pramila atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 9, pl. 2, fig. 1, (1879). Sikkim,

Genus Tinthia.

191. TINTHIA CUPREIPENNIS.

Ægeria cupreipennis, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 11, (1864). Tinthia cupreipennis, Butler, Ann. N. H. ser. iv, vol. 14, p. 408, (1874). S. India.

Genus Ægeria.

192. ÆGERIA ALTERNA.

Ægeria alterna, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 10, (1864). S. India.

193. ÆGERIA FLAVA.

Ægeria flava, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879). Darjiling.

194. ÆGERIA TRICINCTA.

Egeria tricincta, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).

Kellicott, Bull. Buff. Soc. iv, p. 62, (1882).*

Darjiling.

Part II.

À

Genus Melittia.

195. MELITTIA ASTARTE.

Trochilium astarte, Westw., Cab. Or. Ent. p. 61, pl. 30, fig. 4, (1848). Melittia astarte, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856). Central India.

196. MELITTIA BOMBYLIFORMIS.

Sphinix bombiliformis, Cramer, Pap. Exot. iv, p. 241, pl. 400, fig. c, (1782).

Melittia anthredoniformis, Hübn. Verz. Bek. Schmett. p. 128, (1816).

Melittia bombyliformis, Walker, Cat. Lep. Het. viii, p. 69, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 284, (1859).

Proc. Zool. Soc. Lond. 1865, p. 794.

Melittia bombylipennis, Boisd., Lep. Het. i, p. 465, (1875).*

I. M., Sibsagar (Peal).

Also recorded from Java.

197. MELITTIA EURYTION.

Trochilium eurytion, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 5, (1848).

Melittia eurytion, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).

Moore, Proc. Zool. Soc. Lond. 1865, p. 794.

I. M., Cachar (Wood-Mason), and Buxa (Moti Ram).

Collection Swinhoe, Sylhet, Sibsagar, Poona.

198. MELITTIA GIGANTEA.

Mclittia gigantea, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Waterhouse, Aid. ii, pl. 131, fig. 4, (1883).*

Mussooree.

199. MELITTIA INDICA.

Melittia indica, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, (1874).

Melittia bombyliformis (part), Walker, Cat. Lep. Het. B. M. viii, p. 69, (1856).

N. India.

200. MELITTIA NEPCHA.

Melittia nepcha, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879). Darjiling.

201. MELITTIA NEWARA.

Melittia newara, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879). Darjiling.

202. MELITTIA PHORCUS.

Trochilium phorcus, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 7, (1848). Melittia phorcus, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, note, (1874). I. M., Sibsagar (Peal). Also recorded from Central India.

203. MELITTIA STAUDINGERI.

Melittia staudingeri, Boisd., Lep. Het. i, p. 475, (1875).* Sylhet.

Genus Lenyra.

204. LENYRA ASHTAROTH.

Trochilium ashtaroth, Westw., Cab. Or. Ent., p. 14, pl. 6, fig. 5, (1848). Lenyra ashtaroth, Walker, Cat. Lep. Het. B. M. viii, p. 71, (1856). Collection Swinhoe, Darjiling. Also recorded from Sylhet.

Genus Thyris.

205. THYRIS ASILIFORMIS.

Sphinx asiliformis, Fabr., Ent. Syst. iii, i, p. 357, (1793). Thyris asiliformis, Walker, Cat. Lep. Het. viii, p. 260, (1856). India.

Genus Trilochana.

206. TRILOCHANA SCOLIOIDES.

Trilochana scolioides, Moore, Descr. Ind. Lep. Atk. i, p. 10, pl. 2, fig. 2, (1879).

Darjiling.

Genus Pseudosesia.

207. PSEUDOSESIA GROTEL

Pseudosesia grotei, Moore, Proc. Zool. Soc. Lond. (1879), p. 414. N. India.

Genus Sciapteron.

208. SCIAPTERON SIKKIMA.

Sciapteron sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 9, (1879). Darjiling.

Genus Sura.

209. SURA CHALYBEA.

Sura chalybea, Butler, Proc. Zool. Soc. Lond. 1876, p. 309, pl. 22, fig. 4. Singapore.

Genus Pachythiris.

210. PACHYTHIRIS RAJAH.

Pachythiris rajah, Boisd., Lep. Het. i, p. 492, (1875).*

Guen., Ann. Soc. Ent. Fr. 1877, p. 281.

Family ZYGÆNIDÆ.

Genus Zygena.

211. ZYGÆNA AFGHANA.

Zygana afghana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, pl. viia, fig. 1, (1859).

Afghanistan.

212. ZYGÆNA ASOKA.

Zygana asoka, Moore, Proc. Zool. Soc. Lond. 1879, p. 389. N.-W. India.

213. ZYGÆNA CASHMIRENSIS.

Zygæna cashmirensis, Kollar, Kashmir, Von Hügel, iv, p. 459, pl. 19, fig.
6, (1848).

Walker, Cat. Lep. Het. B. M. i, p. 102, (1854).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, (1859).

I. M., Mussooree (Templeton).

Collection Swinhoe, Simla, Kasauli, Murree.

Also recorded from Kashmir, Nepal.

Genus Procris.

214. PROCRIS STIPATA.

Procris stipata, Walker, Cat. Lep. Het. B. M. i., p. 114, (1854).

Butler, Ill. Typ. Lep. Het. B. M. i., p. 13, pl. 7, fig. 9, (1877).

N. India.

Genus Northia.

215. Northia khasiana.

Northia khasiana, Moore, Descr. Ind. Lep. Atk, i. p. 12, (1879).
 Khasi Hills.

Genus Tasema.

216. TASEMA BIPARS.

Tusema bipars, Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856). India.

Genus Procotes.

217. PROCOTES DIMINUTA.

Euchromia diminuta, Walker, Cat. Lep. Het. B. M. i, p. 230, (1854). Syntomis diminuta, Walker, loc cit. vii, p. 1592, (1856). Procotes diminuta, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

Moore, Lep. Ceyl. ii, p. 37, pl. 95, fig. 3, (1882). Ceylon.

Genus Syntomis.

218. SYNTOMIS ALBIFRONS.

Syntomis albifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 6. Tenasserim.

219. Syntomis andersoni.

Syntomis andersoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 244, pl. 18, fig. 1.

Anderson's Researches, p. 926, pl. 81, fig. 4,

Yunan.

220. SYNTOMIS APERIENS.

Syntomis aperiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864). S. India.

221. Syntomis artina.

Syntomis artina, Butler, Journ. Linn. Soc. Lond. 1876, p. 347.

Moore, Lep. Ceyl. ii, p. 35, pl. 94, fig. 4, (1882).

Collection Swinhoe, Ceylon.

Also recorded from Calcutta.

222. SYNTOMIS ATEREUS.

Sphinx atereus, Cramer, Pap. Exot. iv, p. 240, pl. 400, fig. A, (1779). Syntomis aterea. Hübner, Verz. Bek. Schmett., p. 122, (1816). Syntomis atereus, Walker, Cat. Lep. Het. B. M. i, p. 128, (1854). Collection Swinhoe, Umballa. Also recorded from Madras. China.

223. SYNTOMIS ATKINSONI.

Syntomis atkinsoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 2.

Butler, Journ. Linn. Soc. Lond. 1876, p. 347.

Moore, Anderson's Researches, p. 927, pl. 81, fig. 5, (1878).

Proc. Zool. Soc. Lond. 1878, p. 845.

I. M. Mergui (Auderson), Cachar (Wood-Mason). Also recorded from Yuuan, Moulmein, Tenasserim.

224. SYNTOMIS AUSTENI.

Syntomis austeni, Moore, Proc. Zool. Soc. Lond. 1879, p. 389. N.-E. Bengal.

225. Syntomis Berinda.

Syntomis berinda, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 8.
I. M., Sibsagar (Peal), Cachar.
Also recorded from Tenasserim.

226. SYNTOMIS BICINCTA.

Syntomis bicincta, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 8, (1848.)

Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

I. M., Sikkim (Barnes), N. Khasi, Kulu (purchased).

Collection Swinhoe, Simla, Sikkim;

227. SYNTOMIS CERBERA.

 Sphinx cerbera, Linn., Mus. Lud. Ulr., p. 363, (1764).

 — Syst. Nat. I, 2, p. 806, (1767).

 — Cram., Pap. Exot., i, p. 13, pl. 83, fig. F (1775).

 Zygæna cerbera, Fabr., Sp. Ins. ii, p. 160, (1781).

 — Mant. Ins. ii, p. 103, (1787).

 — Ent. Syst. iii, I, p. 391, (1793).

 Sphinx (Zygæna) cerbera, Gmel., Ed. Syst. Nat. i, 5, p. 2393.*

 Cænochromia cerbera, Hübner, Verz. Bek. Schmett. p. 121, (1816).

 Syntomis cerbera, Boisd., Mon. Zyg. p. 118, pl. 7, fig. 6, (1829).*

 — Westw., Ed. Drury, i, pl. 26, fig. 2, (1837).*

 — Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

228. SYNTOMIS CHERRA.

Syntomis cherra, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879). Cherrapunji.

229. SYNTOMIS CUPREIPENNIS.

Syntomis cupreipennis, Butler, Journ. Linn. Soc. Lond. (1876), p. 347.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Sibsagar.

Collection Swinhoe, Sikkim, Poona.

Also recorded from Calcutta.

230. SYNTOMIS CYSSEA.

 Sphinx cysseus, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. B, (1782).

 Zygæna collaris, Fabr., Ent. Syst. iii, i, p. 388, (1793).

 Syntomis collaris, Hübner, Verz. Bek. Schmett., p. 121, (1816).

 Syntomis cyssea, Boisd., Mon. Zyg. 1143, pl. 7, fig. 2, (1829).*

 — Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

 — Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

 Syntomis schænorrhi, Boisd, Mon. Zyg., p. 112, pl. 7, fig. 1, (1829).*

 — Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

 — Valker, Cat. Lep. Het. B. M. i, p. 120, (1854).

 Syntomis cuprea, Prittwitz, Stett. Ent. Zeit. 1867, p. 277.

 — Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

 I. M., Calcutta (de Niceville), Karachi (Swinhoe), Naga Hills.

 * Collection Swinhoe, Mhow, Bombay, Karachi.

 Also recorded from Coromandel, Ceylon, Nepal.

231. Syntomis cysseoides.

Syntomis cysseoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 346. - Moore, Lep. Ceyl. ii, p. 35, pl. 95, fig. 1, (1882). Collection Swinhoe, North Canara.

Also recorded from Nilgiri Hills, Ceylon.

232. Syntomis Diaphana.

Syntomis diaphana, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 7, (1848). - Walker, Cat. Lep. Het. B. M. i., p. 126, (1854). I. M., Sibsagar (Peal). Also recorded from Mussooree.

233. SYNTOMIS DIPTERA.

Zygæna diptera, Fabr., Sp. Ins. ii, p. 165, (1781). - Mant. Ins. ii, p. 106, (1787). - Ent. Syst. iii, I, p. 403, (1793). Syntomis diptera, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854). E. Indies.

234. Syntomis discinota.

Syntomis discinota, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879). Khasi Hills.

235. SYNTOMIS DISRUPTA.

Syntomis disrupta, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53. fig. 5. Tenasserim.

236. Syntomis divisa.

Syntomis divisa, Walker, Cat. Lep. Het. B. M. 1, p. 131, (1854). Butler, Ill. Typ. Lep. Het. i, p. 16, pl. 6, fig. 14, (1877). I. M., Khasi Hills. Collection Swinhoe, Sikhim.

237. Syntomis extensa.

Also recorded from Sylhet.

Syntomis extensa, Walker, Cat. Lep. Het. B. M. xxxv, p. 1863, (1866). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290. Collection Swinhoe, Matheran, Mahableshwar.

238. Syntomis fervida.

Syntomis fervida, Walker, Cat. Lep. Het. B. M. i, p. 131, (1854).

Butler, Ill. Typ. Lep. Het. B. M. i, p. 18, pl. 6, fig. 16, (1877).

Moulmein, E. Indies.

I. M., a specimen with no history.

239. Syntomis fytchei.

Syntomis fytchei, Moore, Proc. Zool. Soc. Lond. 1871, p. 246, pl. 18, fig. 3. - Anderson's Researches, p. 928, pl. 81, fig. 6, (1878).

Yunan.

240. Syntomis georgina.

Syntomis georgina, Butler, Journ. Linn. Soc. Lond. 1876, p. 345. - Moore, Lep. Ceyl. ii, p. 34, pl. 95, fig. 2, (1882).

I. M., Ceylon (Colombo Museum). Also recorded from S. India.

241. SYNTOMIS GODARTII.

Syntomis godartii, Boisd., Mon. Zyg. 115, pl. 7, fig. 3, (1829).* - Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Bengal, Coromandel, Molucca Is.

242. Syntomis grotei.

Syntomis grotei, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 4. Anderson's Researches, p. 928, pl. 81, fig. 7, (1878). - Proc. Zool. Soc. Lond. 1878, p. 844.

Yunan, Tenasseriin.

243. SYNTOMIS HYALINA.

Syntomis hyalina, Moore, Descr. Ind. Lep. Atk. 1, p. 13, (1879). Darjiling.

244. Syntomis hydatina.

Syntomis hydatina, Butler, Journ. Linn. Soc. Lond. 1876, p. 346. Calcutta.

245. SYNTOMIS JIMAON.

- · Sphinx adscita imaon, Cramer, Pap. Exot. iii, p. 94, pl. 248, fig. E, (1779). Syntemis imaon, Hübner, Verz Bek. Schmett., p. 122, (1816). - Boisd., Mon. Zyg. p. 114, (1829).*
 - Walker, Cat. Lep. Het. B. M. i, p. 127, (1854).

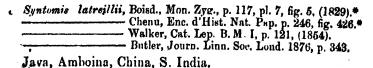
I. M., Sibsagar.

Also recorded from Ceylon, Sylhet, Hongkong, Surinam.

246. Syntomis khasiana.

Syntomis khasiana, Butler, Journ. Linn. Soc. Lond. 1876, p. 345. Khasi Hills.

247. SYNTOMIS LATREILLII.



248. SYNTOMIS LEPCHA.

Syntomis lepcha, Moore, Descr. Ind. Lep. Atk. I, p. 12, (1879). Darjiling.

249. SYNTOMIS LIBERA.

Syntomis libera, Walker, Cat. Lep. Het. B. M. xxxi, p. 78, (1864).

Moore, Proc. Zool. Soc. Lond. 1878, p. 845.

Upper Tenasserim.

250. SYNTOMIS LUCINA.

Syntomis lucina, Butler, Journ. Linn. Soc. Lond. 1876, p. 345. Nepal, Calcutta.

251. SYNTOMIS MASONI.

Syntomis masoni, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 4. Tenasserim.

252. SYNTOMIS MELAS.

I. M., Dunsiri, Shillong, N. Khasi, Sibsagar. Collection Swinhoe, Simla.

Also recorded from Nepal.

253. SYNTOMIS MONTANA.

Syntomis montana, Butler, Journ. Linn. Soc. Lond. 1876, p. 349.

Moore, Lep. Ceyl. II, p. 36, pl. 94, fig. 5, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Poona (Murray), Karachi.

Collection Swinhoe, Poona.

Also recorded from Ceylon, Bombay.

254. SYNTOMIS NEWARA.

Syntomis newara, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879). Darjiling.

255. Syntomis ochsenheimeri.

Syntomis ochsenheimeri, Boisd., Mon. Zyg, p. 116, pl. 7, fig. 4, (1829).*

Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Bengal, Java, Africa.

256. Syntomis Genone.

Syntomis anone, Butler, Journ. Linn. Soc. Lond. 1876, p. 344. Syntomis diaphana, var. Walker, Cat. Lep. Het. B. M. i, p. 126, (1854). Mussooree.

257. SYNTOMIS PASSALIS.

 Zygæna passalis, Fabr., Sp. Ins. ii, p. 159, (1781).

 — Mant. Ins. ii, p. 102, (1787).

 — Ent. Syst. iii, p. 391, (1793).

 Sphinx creusa, Cramer, Pap. Exot. ii, p. 94, pl. 248, fig. F, (1779).

 Syntomis creusa, Boisd., Mon. Zyg., p. 121, pl. 7, fig. I, (1829).*

 Syntomis passalis, Boisd., Mon. Zyg., p. 120, (1829).*

 — Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).

 Syntomis passalis, Boisd., Mon. Zyg., p. 120, (1829).*

 — Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).

 — Moore, Lep. Ceyl. ii, p. 35, (1882).

 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

 I. M., Sibsagar (Peal), Calcutta, Bangalore (Nevill).

 Collection Swinhoe, Poona, Calcutta.

 Also recorded from Coromandel, Ceylon.

258. SYNTOMIS PECTORALIS.

Syntomis pectoralis, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854). E. Indies.

259. SYNTOMIS SARGANIA.

Syntomis sargania, Butler, Trans. Ent. Soc. Lond. 1879, p. 4. Cachar.

260. Syntomis Siamica.

Syntomis siamica, Walker, Cat. Lep. Het. B. M. xxxi, p. 70, (1864). Siam.

261. SYNTOMIS SLADENI.

262. SYNTÔMIS SUBMARGINALIS.

Syntomis submarginalis, Walker, Char. Undescr. Lep. Het. p. 89, (1869). Benares.

Genus Callitomis.

263. CALLITOMIS LEUCOSOMA.

Callitonis leucosoma, Butler, Journ. Linn. Soc. Lond. 1876, p. 351. Kashmir.

264. 'Callitomis' syntomordes.

Callitomis syntomoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 351. Kashmir.

Genus Psichotoe.

265. PSICHOTÖE DUVAUCELII.

I. M., Calcutta, Karachi (Murray). Collection Swinhoe, Calcutta, Jerruk (Sind).

266. Psichotöe incipiens.

Syntomis incipiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864). Psichotöc incipiens, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.
S. India.

Genus Hydrusa.

267. HYDRUSA FUSIFORMIS.

Syntomis fusiformis, Walker, Cat. Lep. Het. B. M. vji, p. 1595, (1856). Hydrusa fusiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
India.

268. HYDRUSA MULTIGUTTA.

Syntomis multigutta, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854). Hydrusa multigutta, Butler, Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 3, (1877). Collection Swinhoe, Sikkim. Also recorded from Nepal.

269. HYDRUSA TENUIFORMIS.

Syntomis tenuiformis, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856), Hydrusa tenuiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345. India.

270. HYDRUSA VITREA.

Syntomis vitrea, Walker, Cat. Lep. Het. B. M. vii, p. 1594, (1856). Hydrusa vitrea, Butler, Journ. Linu. Soc. Lond. 1876, p. 346, Sylhet.

Genus Trianura.

271. TRIANURA MOOREI.

Trianura moorei, Butler, Journ. Linn. Soc. Loud. 1876, p. 354. Bombay.

Genus Eressa.

272. ERESSA AFFINIS.

Eressa affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 596, pl. 59, fig. 3.

I. M., Andaman Is. (purchased).

Collection Swinhoe, Travancore, S. Andamans.

Also recorded from Calcutta, Khasi Hills.

273. Eressa confinis.

Glaucopis confinis, Walker, Cat. Lep. Het. B. M. i, p. 149, (1854) Syntomis confinis, Walker, loc. cit. vii, p. 1592, (1856). Hydrusa confinis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345. Eressa confinis, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 6, (1882). Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., Kulu (purchased). Collection Swinhoe, Mhow, N.-W. Himalayas. Also recorded from Ceylon.

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274 ERESSA MUSA.

Eressa musa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290, pl. 20, fig. 1. Bombay.

Allied to E. confinis.

275. ERESSA SUBAURATA.

Glaucopis subaurata, Walker, Cat. Lep. Het. B. M. i, p. 149 (1854). Syntomis subaurata, Walker, Cat. Lep. Het. B. M. vii, p. 1593. (1856). Trianura subaurata, Butler, Journ. Linn. Soc. Lond. 1876, p. 354. Eressa subaurata, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 4, (1882). I. M., Calcutta, N. Khasi Hills. Also recorded from Ceylon. Allied to E. confiuis.

Genus Dysauxes.

276. Dysauxes indica.

Genus Debos.

277. DEBOS IRATUS.

Debos'iratus, Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 291, pl. 20, fig. 7. Deccan.

Genus Notioptera.

278. NOTIOPTERA DOLOSA.

Syntomis dolosa, Walker, Cat. Lep. Het. B. M. L. vii, p. 1594, (1856).

Notioptera dolosa, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 11, (1881).

N. India.

279. Notioptera glaucopoides.

Syntomis glaucopoides, Walker, Cat. Lep. Het. B. M. xxxi, p. 69, (1864). Notioptera glaucopoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 355. S. India.

Genus Thyrassia.

280. THYRASSIA SUBCAUDATA.

Syntomis subcaudata, Walker, Cat. Lep. Het. B. M. i, p. 132, (1854). Thyrassia subcaudata, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

11l. Typ. Lep. Het. i, p. 19, pl. 7, fig. 5, (1877).

Collection Swinhoe, Bombay. Also recorded from N. India.

Genus Euchromia.

281. EUCHROMIA AMŒNA.

Phalanna amæna, Möschler, Stett. Eut. Zeit. 1872, p. 350. Sylhet.

282. EUCHROMIA AURATA.

Sphinx aurata, Cramer, Pap. Exot. pl. 264, fig. A. (1779).

Pompostola auratus, Hübner, Verz. Bek. Schmett. p. 120, (1816).

Euchromia (Diospage) aurata, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

Coromandel.

283. Euchromia creusa.

Sphinx crëusa, Linn., Syst. Nat. ii, 806, 39, (1767).

Clerck, Icon, pl. 46, fig. 34.

Sphinx irus, Cramer. Pap. Exot. iv, pl. 368, fig. A, (1781),
Canochromia crëusa, Hübn., Verz. Bek. Schmett., p. 121, (1816).

Euchromia crëusa, Moore, Lep. Ceyl. ii, p. 35, note, (1882).

Bengal, Coromandel.

284. EUCHROMIA FLAMMANS.

Euchromia (Phauda) flammans, Walker, Cat. Lep. Het. B. M. i, p. 257, (1854).

Phauda flammans, Butler, Ill. Typ. Lep. Het. i, p. 20, pl. 9, fig. 2, (1877).

N. India.

I. M., a specimen with no history.

285. EUCHROMIA LAURA.

Euchromia laura, Butler, Journ. Linn. Soc. Lond. 1876, p. 364. E. Indies.

286. EUCHROMIA ORIENTALIS.

Euchromia orientalis, Butler, Journ. Linn. Soc. Lond. 1876, p. 364. Collection Swinhoe, Rangoon.
Also recorded from N. India.

287. EUCHROMIA POLYMENA.

 Sphinx polymena, Linn., Syst. Nat. ii, p. 806, (1767).

 Zygæna polymena, Fabr., Sp. Ins. ii, p. 162, (1781).

 Mant. Ins. ii, p. 104, (1787).

 Ent. Syst. iii, 1, 396, 34, (1793).

 Euchromia polymena, Hübn., Verz. Bek. Schmett., p. 121, (1816).

 Walker, Cat. Lep. Het. B. M. i, p. 219, (1854).

 Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

 Moore, Proc. Zool. Soc. Lond. 1877, p. 556.

 Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514.

 Glaucopis polymena, Westw., Ed. Drury i, p. 50, pl. 26, fig. 1, (1837).*

 I. M., Cachar (Wood-Mason), Sylhet, Sibsagar (Peal), Calcutta (Cotes), Sinkip Is. (a variety).

 Collection Swinhoe, Calicut, Bombay, Belgaum, Karachi, Ceylon.

 Also recorded from China, Penang, Celebes, Andaman Is.

288. EUCHROMIA RHEBUS.

Sphinx (adschta) rhebus, Cramer, Pap. Exot., pl. 234, fig. F., (1779).

Pompostola rhebus, Hübner, Verz. Bek. Schmett., p. 120, (1816).

Euchromia (Diospage) rhebus, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

E. Indies, Africa.

289. EUCHROMIA SIAMENSIS.

Euchromia siamensis, Butler, Journ. Linn. Soc. Lond. 1876, p. 365. Siam.

290. EUCHROMIA THELEBAS.

Sphinx thelebas, Cramer, Pap. Exot., pl. 150, fig. D. (1777).

Euchromia thelebe, Hübn., Verz. Bek. Schmett., p. 121, (1816).

Euchromia (Hippola) thelebas, Walker, Cat. Lep. Het. B. M. i, p. 225, (1854).

Euchromia thelebas, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.

Bengal.

Genus Callizygena.

291. CALLIZYGÆNA NIVIMACULA.

Callizygæna nivimacula, Felder, Reise der Novara, pl. 83, fig. 4, (1864-75).

Moore, Lep. Ceyl. ii, p. 38, pl. 95, fig. 5, (1882).

Ceylon.

Genus Artona.

292. ARTONA CONFUSA.

Artona confusa, Butler, Journ. Linn. Soc. Lond. 1876, p. 357.

Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 10, (1881).

Syntomis hibneri (part), Walker (nec Boisd.), Cat. Lep. Het. B. M. i., p. 125, (1854).

1. M., Sibsagar (Peal).
Collection Swinhoe, Mandi (Elwes).

293. ARTONA DISCIVITTA.

N. India, S. India, Almora.

294. ARTONA FULIGINOSA.

Artona fuliginosa, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879). Darjiling.

295. ARTONA FULVIDA.

Artona fulvida, Butler, Journ. Linn. Soc. Lond. 1876, p. 356. Moulmein.

296. ARTONA HÜBNERI.

Syntomis hübneri, Boisd., Mon. Zyg., p. 127, pl. 8, fig. 4, (1829).*

(Part), Walker, Cat. Lep. Het. B. M. i, p. 125, (1854).

Artona hübneri, Butler, Journ. Linn. Soc. xii, 1876, p. 344.

Himalaya, Java, Amboina.

297. ARTONA POSTVITTA.

Artona postvitta, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879). Darjiling.

298. ARTONA QUADRIMACULATA.

Artona quadrimaculata, Moore, Proc. Zool. Soc. Lond. (1879), p. 390. Mussooree.

299. ARTONA ZEBRAICA.

Artona zebraica, Butler, Journ. Linn. Soc. I and. 1876, p. 356.

Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 9, (1881.

I. M., Kulu (purchased).

Collection Swinhoe, Darjiling.

Also recorded from Almora, Mussooree.

Genus Rhaphidognatha.

300. RHAPHIDOGNATHA NIGRESCENS.

Artona nigrescens, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Kulu (purchased), Mandi. Collection Swinhoe, Mandi (Elwes).

Genus Tascia.

301. TASCIA CUPREA.

Syntomis cuprea, Walker, Cat. Lep. Het. B. M. vii, p. 1596, (1856). Tascia cuprea, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Sikkim (purchased), Kulu (purchased). Collection Swinhoe, Simla.

302. TASCIA QUADRICOLOR.

Syntomis quadricolor, Walker, Cat. Lep. Het. B. M., vii, p. 1596, (1856). Tascia quadricolor, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

Genus Phacusa.

303. PHACUSA TENEBROSA.

Glaucopis tenebrosa, Walker, Cat. Lep. Het. B M. i, p. 150, (1854). Syntomis tenebrosa, Walker, loc. cit., vii, p. 1592, (1856). Phacusa tenebrosa, Butler, Journ. Linu. Soc. Lond. 1876, p. 359. ----Ill. Typ. Lep. Het. i, p. 20, pl. 12, fig. 1, (1877).

I. M., Sibsagar (Peal).

304. PHACUSA THORACICA.

Phacusa thoracica, Moore, Ann. Mag. Nat. Hist. ser. 4, xx, p. 343 (1877). —— Lep. Ceyl. ii, p. 38, pl. 95, fig. 7, (1882).

Ceylon.

Genus Trypanophora.

305. TRYPANOVHORA ATKINSONI.

· Trypanophora atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

306. Trypanophora seminyalina.

Trypanophora semihyalina,	Kollar, Kaschmir, Von Hügel, iv, p. 457, pl. 19
	figs. 1—4, (1848).
	Moore, Cat. Lep. Mus. E. I. C. ii, p. 322, pl. 14
	fig. 6, (1859).
	Butler, Journ. Linn. Soc. Lond. 1876, p. 344.
	Walker, Cat. Lep. Het. B. M. ii, p. 434, (1854).
	loc. cit. xxxi. p. 126. (1864).
Syntomis humeralis, Walker	Cat. Lep. Het. B. M. vii. p. 1593 (1836)
Trypanophora humeralis, M	oore, loc. cit. lv, 2, p. 972, (1886).

. I. M., Calcutta (de Niceville), Sikkim, Tavoy (Moti Ram), Cachar (Wood-Mason).

Collection Swinhoe, Kashmir, Sikkim.

307. TRYPANOPHORA TAPROBANES.

Trypanophora taprobanes, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).

Moore, Lep. Ceyl. ii, p. 40, pl. 95, figs. 8, 8a, (1882).

Ceylon.

FAMILY AGARISTIDÆ.

Genus Eusemia.

308. LUSEMIA ADULATRIX.
Eusemia adulatrix, Kollar, Kaschmir, Von Hügel, iv, p. 464, pl. 20, fig. 1 (1848).
Sikkim, Nepal.
309. Eusemia afflicta.
Eusemia afflicta, Butler, Ent. Monthly Mag. xii, p. 118, (1875). Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292. Proc. Zool. Soc. Lond. 1886, p. 436.
Collection Swinhoe, Poona, Mhow.
Also recorded from Bombay.
310. Eusemia albomarginata.
Eusemia albomarginata, Moore, Proc. Zool. Soc. Lond. 1872, p. 569. Butler, Ent. Monthly Mag. xii, p. 124, (1875).
Burma.
311. Eusemia amatrix.
Eusemia amatrix, Westw., Cab. Or. Ent., p. 68, pl. 33, fig. 4, (1848). Walker, Cat. Lep. Het. B. M. i, p. 49, (1854). Moore, Proc. Zool. Soc. Lond. 1867, p. 676. Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).
Assam, Java.
312. Eusemia aruna.
Eusemia aruna, Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).
Proc. Zool. Soc. Lond. 1867, p. 676. Butler, Eut. Monthly Mag. Lond. xii, p. 123, (1875).
Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 6, (1881).
Collection Swinhoe, Sikkim.
313. Eusemia austeni.
Eusemia austeni, Moore, Descr. Ind. Lep. Atk. i, p. 11, (1879).
Khasi Hills.
Part II.

314. Eusemia hasalis. Eusemia basalis, Walker, Cat. Lep. Het. B. M. i, p. 53, (1854). - Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, (1859). - Proc. Zool. Soc. Lond. 1867, p. 676. Butler, Ent. Monthly Mag. xii, p. 122, (1875). - Ill. Typ. Lep. Het. i, p. 9, pl. 5, fig. 2, (1877). I. M., Sibsagar (Peal). Also recorded from Bengal. 315. Eusemia bellatrix. Eusemia bellatrix, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 2, (1848). - Walker, Cat. Lep. Het. B. M. i, p. 46, (1854). Moore, Cat. Lep. Mus. E. I. C. ii, p. 288,, (1859). - Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875). I. M., Cachar (Wood-Mason), Yunan, Simla, Sibsagar (Peal), Naga Hills, Nepal, Cherra, Sikkim (Elwes and Barnes), Buxa (Moti Ram), Mussooree (Templeton.) Collection Swinhoe, Sikkim, Pegu, Bhotan, Sibsagar, Cachar. All recorded from Moulmein, Ceylon, Nepal. 316. Eusemia communicans. Eusemia communicans, Walker, Cat. Lep. Het., B. M. xxxi, p. 50, (1864). —— Butler, Ent. Monthly Mag. xii, p. 119, (1875). Penang. 317. Eusemia communis. Eusemia communis, Butler, Ann. Mag. N. H. 4, xv, p. 140, pl. 13, fig. 1, (1875). · Ent. Monthly Mag. Lond. xii, p. 119, (1875). -Moore, Journ. As. Soc. Beng. liii, 2, p. 234, (1884). I. M., Cachar (Wood-Mason), Sibsagar, Sylhet, Naga. Collection Swinhoe, Sylhet. 318. Eusemia contracta. Eusemia contracta, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875). -Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292. Collection Swinhoe, Belgaum, Nilgiri Hills. 319. Eusemia dentatrix. Eusemia dentatrix, Westw. Cab. Or. Ent. p. 68, p. 33, fig. 5, (1848).

Walker, Cat. Lep. Het., B. M. i, p. 46,(1854). - Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859). -Butler, Ent. Monthly Mag. xii, p. 119, (1875). 1. M., Sikkim (purchased), Sibsagar (Peal), Sylhet. Collection Swinhoe, Sikkim. Also recorded from Nepal, Bhotan, Ceylon.

320. Eusemia distincta.

Eusemia distincta, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).

Ent. Monthly Mag. Lond. xii, p. 118, (1875).

Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 3, (1881).

Sylhet.

321. Eusemia dives.

Eusemia dives, Boisduval, Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 4, (1881). Darjiling.
Allied to E. maculatrix.

322. Eusemia funebris.

Eusemia funebris, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.

Waterhouse, Aid. ii, pl. 127, fig. 4, (1883)*.

Agarista funebris, Butler, Ent. Monthly Mag. Lond. xii, p. 124, (1875).

Darjiling.

323. Eusemia irenea.

Eusemia irenea, Boisduval, Revue et Mag. de Zool. 1874, p. 81.

Butler, Ent. Monthly Mag. Lond. xii, p. 119, (1875).

Khasi Hills, Sumatra.

324. Eusemia maculatrix.

I. M., Sikkim (Barnes), Sibsagar, Naga, Cherrapunji, Buxa (Moti Ram).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet, Nepal, Java.

325. Eusemia nigripennis.

Eusemia nigripennis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).

Ent. Monthly Mag. Lond. xii, p. 117, (1875).

Episteme nigripennis, Moore, Lep. Ceyl. ii, p. 34, pl. 94, fig. 3, (1882).

Collection Swinhoe, Ceylon.

326. Eusemia nipalensis.

Eusemia nipalensis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1873),

Ent. Monthly Mag. Lond. xii, p. 118, (1875),

Nepal.

327. Eusemia orientalis. Eusemia orientalis, Butler, Ann. Mag. N. H. ser. 4, xv, p. 139, (1875). Ent. Monthly Mag. Lond. xii, p. 117, (1875). - Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 2, (1881) Mussooree. Allied to E. victrix. 328. Eusemia peshwa. Eusemia peshwa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 289, pl. 7a, fig. 2, (1859).- Butler, Ent. Monthly Mag. Lond. xii, p. 121, (1875). I. M., Sikkim (Barnes). Collection Swinhoe, Darjiling. Also recorded from Ceylon. 329. Eusemia proxima. Eusemia proxima' Walker, Cat. Lep. Het. B. M. i, p. 50, (1854). Moore, Proc. Zcol. Soc. Lond. 1867, p. 676. Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875). --- Ill. Typ. Lep. Het. i, p. 10, pl. 4, fig. 9, (1877). Assam. 330. Eusemia pulchra. Eusemia pulchra, Butler, Ann. Mag. N. H., ser. 4, xv, p. 143, pl. 13, fig. 4, (1875).Ent. Monthly Mag. Lond. xii, p. 122, (1875). Meerut. 331. Eusemia sectinotis. Eusemia sectinotis, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875). Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 5, (1881). L. M., Ratnagiri (Hatch). No locality (Karachi Museum). Collection Swinhoe, Calicut. Allied to E. adulatrix. 332. Eusemia sulitetensis. Eusemia silhetensis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 139, (1875). - Ent. Monthly Mag. Lond. xii, p. 116, (1875). - Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 1, (1881).

333. Eusemia simplex.

Sylhet.

Allied to E. victrix.

Eusemia simplex, Butler, Ent. Monthly Mag. Lond. xii, p. 118, (1875). Kanara.

354. Eusemia tyrianthina.

Eusemia tyrianthina, Butler, Ent. Monthly Mag. xii, p. 116, (1875). N. India.

335. Eusemia vetula.

Eusemia vetula, Hübn.. Zutr., fig. 657.* — Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859). --- Proc. Zool. Soc. Lond. 1867, p. 677. Assam, Java.

336. Eusemia victrix.

Eusemia victrix, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 3, (1848). - Walker, Cat. Lep. Het. B. M. i, p. 52, (1854). Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859). Butler, Ent. Monthly Mag. Lond. xii, p. 117. (1875).

I. M., N. Khasi Hills, Cachar (Wood-Mason), Sibsagar, Naga, Yunan, Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Also recorded from Nepal, Sylhet, Bhotan, Cherrapunji.

337. Eusemia vulcania.

Eusemia vulcania, Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875). Burma.

Genus Soudyra.

338. SEUDYRA CATOCALINA.

Phagorista catocalina, Walker, Cat. Lep. Het. B. M. xxxv, p. 1859, (1866). ---- Moore, Proc. Zool. Soc. Lond. 1867, p. 677. Sendyra catocalina, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 82, fig. 9, (1881).I. M., Darjiling (purchased).

Collection Swinhoe, Darilling.

339. SEUDYRA LONGIPENNIS.

Catocala longipennis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 934, (1865). Scudyra longipennis, Butler, Ill. Typ. Lep. Het. v, p. 19, pl. 82, fig. 8,

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

340. SEUDYRA TRANSIENS.

Eusemia transiens, Walker, Cat. Lep. Het. B. M. vii, p. 1588, (1856). --- Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, pl. xiii, figs. 5. 5a, (1859).

SEUDYRA'TRANSIENS—continued.

Ensemia agoceroides, Boisd., Revue et Mag. Zool. 1874, p. 106. Agarista agoceroides, Felder, Reise Novara, pl. 107, fig. 10, (1864-75). Scudyra transiens, Stretch. Cist. Ent. ii, p. 19, (1875).

1. M., N. Khasi Hills, Sibsagar, Sikkim (Barnes). Collection Swinhoe, Simla, Sikkim. Also recorded from Sumatra, Java.

341. SEUDYRA VENOSA.

Seudyra venosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.

Waterhouse, Aid. ii, pl. 131, fig. 5, (1883).*

Darjiling.

Genns Nikma.

342. NIKÆA LONGIPENNIS.

 Mypercompa longipennis,
 Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).

 Moore,
 Proc. Zool. Soc. Lond. 1867, p. 681.

 Nikwa longipennis,
 Moore,
 Descr. Ind. Lep. Atk. i, p. 11, (1879).

 Butler,
 Ill. Typ. Lep. Het. v., p. 18, pl. 82, fig. 7, (1881).

Collection Swinhoe, N. India. Also recorded from Sylhet, Darjiling, Kumaon.

Genus Phægorista.

343. PHÆGORISTA BALA.

Phagorista bala Moore, Proc. Zool. Soc. Lond. 1865, p. 795.
Walker, Cat. Lep. Het. xxxv, p. 1869, (1866).

Collection Swinhoe, Darjiling.

Genus Vithors.

344. VITEORA INDRASANA.

Vithora indrasana, Moore, Proc. Zool. Soc. Lond. 1865, p. 759, pl. 42, fig. 5.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1861, (1866).

Cistidia indrasana, Suellen, Tijd. Ent. xxi, p. 115, (1878).

Bengal.

Genus Ægocora.

345. ÆGOCERA BIMACULA.

Ægocera bimacula,	Walker, Cat. Lep. Het. B. M. i, p. 57, (1854).
	Moore, Cat. Lep. Mus. E. I. C ii, p. 286, (1859).
	Poisd., Rev. et Mag. Zool. 1874, p. 54.
	Butler, Ill. Typ. Lep. Het. i, p. 11, pl. 5, fig. 4, (1877)
	Moore, Lep. Ceyl. fi, p. 33, pl. 94, fig. 2, (1882).

I. M., a specimen with no history.

Collection Swinhoe, Sikkim.

Also recorded from Kanara, Ceylon.

346. ÆGOCERA FIMBRIA.

Ægocera fimbria, Möschler, Stettin, Ent. Zeit. 1872, p. 354. Sylhet.

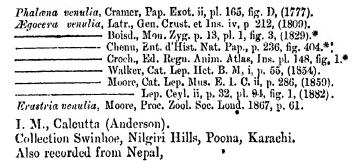
347. ÆGOCERA TRIPARTITA.

Egocera tripartita, Kirby, Proc. Roy. Dublin Soc. (2), ii, p. 340, (1880).

Waterhouse, Aid. i, pl. 39, (1881).

Burma.

348. ÆGOCERA VENULIA.



FAMILY CHALCOSIIDÆ.

Genus Canerkes.

349. CANERKES EUSCHEMOIDES.

Cancerkes euschemoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 802, pl. 42, fig. 8.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Sylhet.

Genus Dioptis.

350, Dioptis perdica.

Phalena perdica, Cramer, Pap. Exot. ii, pl. 178, fig. E. (1777).

Dioptis perdica, E. übn., Verz. Bek. Schmett., p. 174, (1816).

Walker, Cat. Lep. Het. B. M. ii, p. 337, (1854).

Bengal.

Genus Epicopeia.

361. EPICOPEIA CAUDATA.

Epicopeia caudata, Butler, Ill. Typ. Lep. Het. B. M. v. p. 47, pl. 38, fig. 8, (1881).

852. EPICOPEIA DIPHILÆA.

Epicopeia diphilaa, Moore, Proc. Zool. Soc. Lond. 1865, p. 800. Epicopeia diphilea (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866). Collection Swinhoe, Sikkim.

353. EPICOPEIA EXCISA.

Epicopoia ercisa, Butler, Ill. Typ. Lep. Het. v. p. 46, pl. 88, fig. 5, (1881). N.-E. Punjab.

354. EPICOPEIA LIDDERDALII.

Epicopeia lidderdalii, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88, fig. 6, (1881).

355. EPICOPEIA MACULATA.

Epicopeia maculata, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88. fig. 7, (1881).

356. EPICOPEIA PHILENURA.

Epicopeia philenora, Westw., Arcana, Ent., p. 19, pl. 5, fig. 2, (1843).

Walker, Cat. Lep. Het. ii, p. 410, (1854).

I. M., Sikkim (Barnes).

Also recorded from Assam.

357. EPICOPEIA PHILOXENÆA.

Epicopeia philoxenea, Moore, Proc. Zool. Soc. Lond. 1865, p. 799. Epicopeia philoxene (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

358. EPICOPEIA POLYDORA.

Epicopeia polydora, Westw., Arcana Ent., p. 19, pl. 5, fig. 1, (1843).

Walker, Cat. Lep. Het. B. M. ii, p. 410, (1854).

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Also recorded from Simla.

359. EPICOPEIA VARUNÆA.

Genus Philopator.

360. PHILOPATOR BASIMACULATA.

Philopator basimaculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 800, pl. 42, fig. 6.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).
Darjiling.

Genus Cadphises.

361. CAPPHISES MACULATA.

Cadphises maculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 801, pl. 42, fig. 7.

Walker, Cat. Lep. Het. xxxv, p, 1870, (1866).

I. M., Khasi Hills (Godwin-Austen).

Also recorded from Darjiling.

362. CADPHISES MOOREI.

Cadphises moorei, Butler, Proc. Zool. Soc. Lond. 1875, p. 392. Darjiling.
Allied to C. maculata.

Genus Scaptesyle.

363. SCAPTESYLE BICOLOR.

Scaptesyle bicolor, Walker, Cat. Lep. Het. B. M. xxxi, p. 182, (1864).

Moore, Lep. Ceyl. ii, p. 42, pl. 96, fig. 2, (1882).

Dichromia nietneri, Felder, Reise Novara Lep. iv, pl. 106, fig. 25, (1864-75).

Collection Swinhoe, Ceylon.

364. SCAPTESYLE TRICOLOR.

Scaptesyle tricolor, Walker, Cat. Lep. Het. B. M. ii, p. 378, (1854). Sylhet.

Genus Ratarda.

365. RATARDA MARMORATA.

Ratarda marmorata, Moore, Proc. Zool. Soc. Lond. (1879), p. 393, pl. 32, fig. 1.

Darjiling.

Genus Boradia.

366. BORADIA CARNEOLA.

Boradia carneola, Moore, Proc. Zool. Soc. Lond. 1879, p. 392. N.-W. Himalayas.

Genus Heterusia.

367. HETERUSIA ÆDEA.

368. HETERUSIA ALOMPRA.

Eterusia alompra, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).

I. M., Sibsagar (Peal).

Collection Swinhoe, Assam.

369. HETERUSIA CICADA.

Beterusia (sic) cicada, Felder, Reise Novara, pl. 83, fig. 8, (1864-75). Sikkim.

370. HETERUSIA CIRCINATA.

Heterusia circinata, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. i, figs. 156, 157.*

Eterusia circinata, Walker, Cat. Lep. Het. B. M. vii, p. 1672, (1856).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim,

Also recorded from Assam.

371. HETERUSIA' CIRCUMDATA.

Heterusia circumdata, Walker, Cat. Lep. Het. B. M. xxxi, p. 121, (1864). India.

372. HETERUSIA DISTINCTA.

Gynautocera distincta, Guer., Voy. Deless. Hist. Nat., p. 85, pl. 24, fig. 3, (1843).

Chalcosia distincta, Walker, Cat. Lep. Het. B. M. ii, p. 423, (1854).

Eterusia distincta, Walker, loc. cit. vii, p. 1670, (1856).

I. M., Mergui (Anderson), Perak (purchased). Also recorded from Assam.

373. HETERUSIA DULCIS.

Heterusia dulcis, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 4, (1881). Darjiling.

374. HETERUSIA EDOCLA.

Heterusia edocla, Doubleday, Zoologist ii, p. 469.*

Eterusia edocla, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).

I. M., Sibsagar (Peal), Naga, Cachar (Wood-Mason).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and Nepal.

375. HETERUSIA FASCIATA.

Eterusia fasciata, Walker, Char. Undescr. Lep. Het. Lond., p. 5, (1869). Heterusia fasciata, Möschler, Stett. Ent. Zeit. 1872, p. 340. Sylhet.

376 HETERUSIA FLAVOMACULATA.

Heterusia flavomaculata, Möschler, Stott. Ent. Zeit. 1872, p. 343. Sylhet.

377. HETERUSIA LATIVITTA.

Eterusia lativitta, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

I. M., Sibsagar, Naga.

Collection Swinhoe, Khasi Hills, Sikkim.

379. HETERUSIA MAGNIFICA.

Eterusia magnifica, Butler, Trans. Ent. Soc. Lond. 1879, p. 5. Heterusia magnifica, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 2, (1881).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Sylhet, Sikkim (Barnes).

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Collection Swinhoe, Sylhet, Sikkim.

Allied to H. tricolor.

379. HETERUSIA OCTOPUNCTATA.

Heterusia octopunctata, Möschler, Stett. Eut. Zeit. 1872, p. 344. Sylhet.

380. HETERUSIA PULCHELLA.

Eterusia pulchella, Walker, Cat. Lep. Het. P. M. ii, p. 431, (1854), —loc. cit. vii, p. 1671, (1856).
—Moore, Proc. Zool. Soc. Lond, 1867, p. 678.

I. M., specimens with no history. Collection Swinhoe, Simla, Sikkim. Also recorded from Nepal.

381. HETERUSIA RAJA.

Eterusia raja, Moore, Cat. Lep. Mus. E. I. C. ii, p. 320, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

382. HETERUSIA RISA.

Heterusia risa, Doubleday, Zoologist, ii, p. 468.* Eterusia risa, Walker, Cat. Lep. Het. B. M. ii, p. 42v, (1884). Nepal, Penang, Sylhet.

883. HETERUSIA SHAHAMA.

384. HETERUSIA SIGNATA.

Heterusia signata, Möschler, Stett. Ent. Zeit. 1872, p. 341. Sylhet.

385. HETERUSIA SUBLUTEA.

Eterusia sublutea, Walker, Cat. Lep. Het. B. M. ii, p. 430, (1854). Collection Swinhoe, Sylhet.

336. HETERUSIA TRICOLOR.

Eterusia tricolor, Hope, Trans. Linn. Soc. Lond. 1841, p. 445, pl. 21, fig. 4.

Doubleday, Zoologist, ii, p. 470.*

Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).

Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Collection Swinhoe, Sikkim.

Also recorded from Nepal and Sylhet.

Allied to H. magnifica.

387. HETERUSIA TRILITURATA.

Eterusia triliturata, Walker, Cat. Lep. Het. B. M. xxxi, p. 119, (1864). I. M., a specimen with no history. Recorded from Mussooree.

388. HETERUSIA TRIMACULA.

Heterusia trimacula, Möschler, Stett. Ent. Zeit. 1872, p. 342. Sylhet.

389. HETERUSIA VIRESCENS.

Heterusia virescens, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 3, (1881).

Collection Swinhoe, Khandalla.

Allied to H. magnifica and H. edocla.

Genus Devanica.

390. DEVANICA BICOLOR.

Devanica bicolor, Moore, Trans. Ent. Soc. Lond. 1884, p. 355. I. M., type specimen, Cachar (Wood-Mason).

391. DEVANICA CINGALA.

Eternsia cingala, Moore, Ann. Nat. Hist. (4), xx, p. 343, (1877). Sephisa cingala, Moore, Lep. Ceyl. ii, p. 41, pl. 96, fig. 1, (1882). Collection Swinhoe, Ceylon.

Genus Pintia.

392. PINTIA FERREA.

Eterusia ferrea, Walker, Cat. Lep. Het. B. M. ii, p. 431, (1854).

loc. cit. vii, p. 1671, (1856).

Pintia ferrea, Batler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, fig. 7, (1881).

I. M., Cachar (Wood-Mason), Sikkim (purchased), Buxa (Moti Ram); no locality (Karachi Museum), var. Nicobar Is. (purchased); var. Andaman Is. (purchased).

Cellection Swinhoe, Sikkim, Nicobars.

Also recorded from Sylhet and Hongkong.

Genus Arachotia.

393. ARACHOTIA FLAVIPLAGA.

Arachotia flaviplaga, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879). Darjiling.

394. Arachotia vespoides.

Arachotia vespoides, Moore, Proc. Zool. Soc. Lond. 1879, p. 390. N. India.

Genus Histia.

395. HISTIA COMETARIS.

Histia cometaris, Butler, Ann. Mag. N. H. (5), x, p. 374, (1882). Tenasserim.

396. HISTIA FLABELLICORNIS.

I. M., Sikkim (Barnes), Naga, Sibsagar (Peal), Cherra, N. Khasi Hills.

Collection Swinhoe, Sikkim.

Also recorded from China and (?) S. America.

397. HISTIA FRATERNA.

Histia fraterna, Moore, Proc. Zool, Soc. Lond. 1883, p. 15. Calcutta.

398. HISTIA NILGIRA.

Histia nilgira, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879). Nilgiri Hills.

Genus Gynautocera.

399. Gynautocera papilionaria.

Gynautocera papilionaria, Guer., Mag. Zool. 1930, p. 12.

Walker, Cat. Lep. Het. B. M. ii, p. 411, (1874).

Histia papilionaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 346.

I. M., Sikkim (Barnes), Sylhet, Yunan, Naga, Sibsagar (Peal),
Buxa (Moti Ram), Cachar (Wood-Mason).
Collection Swinhoe, Mussooree, Sylhet.
Also recorded from Nepal and Tenasserim.

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Genus Amosia.

400. AMESIA ALIRIS.

Gynautocera (Amesia) aliris, Doubleday, Ann. Mag. N. H. (1), xix, p. 74, (1847).

Cyclosia aliris, Walker. Cat. Lep. Het. B. M. ii, p. 415, (1854).

Amesia aliris, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 83, fig. 10, (1881).

1. M., Sylhet, Naga, Sibsagar, Sikkim (Barnes).

Collection Swinhoc, Darjiling.

401. AMESIA MIDAMA.

Epyrgis midama, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. pl. 2, fig. 7, (1853).*

Chalcosia midama, Walker, Cat. Lep. Het. B. M. vii, p. 1670. (1856).

Amesia midama Moore, Lep. Ceyl. ii, p. 46, pl. 98, figs. 1, 1a. (1882).

Callamesia midama, Butler, Ann. Mag. N. H. (v), xvi, p. 345, (1885).

Collection Swinhoe, Sikkim.

Also recorded from Ceylon.

402. AMESIA SANGUIFLUA.

Phalana sanguiflua, Drury, Ins. Exot. ii, p. 35, pl. 20, figs. 1, 2, (1773).
Callimorpha sanguiflua, Westw., Ed. Drury, ii, p. 37, pl. 20, figs. 1, 2, (1837).*

Cyclosia sanguiflua, Walker, Cat. Lep. Het. B. M. ii, p. 415, (1854).

I. M., Khasi Hills, Shillong.
Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

403. AMESIA STELLIGERA.

Amesia stelligera, Butler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, figs. 8, 9, (1881).

I. M., Sikkim (Barnes).

Collection Swinhoe, Sikkim.

Also recorded from Bhotan.

Genus Callamesia.

404. CALLAMESIA HORMENIA.

Epyrgis kormemia, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 2, fig. 3, (1853).*

1. M., Sibsagar (Peal), Sikkim (F. C. Barnes,) Naga Hills, Sylhet. Collection Swinhoe, Sikkim.

405. CALLAMESIA VENOSA.

Chalcosia venosa, Walker, Cat. Lep. Het. B. M. ii, p. 422, (1854).

Moore, Lep. Cayl, ii, p. 45, pl. 97, figs. 2, 2a, (1882).

Collection Swinhoe, Ceylon.

Genus Chalcosia.

406. CHALCOSIA ADALIFA. Chalcosia adulifa, Walker, Cat. Lep. Het. ii, p. 421, (1854). - Moore, Proc. Zool. Soc. Lond 1867, p. 678. - Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 5, (1881). Sylhet. 4.07. CHALCOSIA AFFINIS. Gynantocera affinis, Guer., Voy. Deless. Hist. Nat., p. 86, pl. 24, fig. 2, (1843). Chalcosia affinis, Butler, Ann. Mag. N. H. (5), v, p. 223, (1880). Moore, Lep. Ceyl. ii, p. 45, pl. 98, fig. 2, (1882). Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292. I. M., Nilgiri Hills (Karachi Museum). Collection Swinhoe, Belgaum, Ghazi Ghat, Goa. Also recorded from Ceylon and Pondicherry. 408. CHALCOSIA ALBATA. Chalcosia albata, Moore, Proc. Zool. Soc. Lond, 1879, p. 390. I. M., Shillong, Sikkim, Khasi Hills, Kulu (Young). Mussoorce (Templeton), Cherrapunji. Also recorded from Dharmsala and Nepal. 409. CHALCOSIA ARGENTATA. Chalcosia argentata, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879). I. M., Sibsagar (Peal), Cachar (Wood-Mason), Goalpara, Yunan, Collection Swinhoe, Hazara, Sibsagar. 410. Chalcosia corusca, Milleria corusca, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 1. (1853).*Chalcosia corusca, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856). I. M., Sikkim, Cherra, Sibsagar (Peal.) Collection Swinhoe, Darjiling. Also recorded from Sylhet. 411. CHALCOSIA PECTINICORNIS. Sphinx pectinicornis, Linn., Syst. Nat. ii, 807, 44. (1767). Zygenā pectinicornis, Fabr., Syst. Ent. 554, 18, (1775). - Sp. Ins. ii, 164, 35, (1781). - Mant. Ins. ii, 105, 42, (1787). - Ent. Syst. iii, 1, 399, 44, (1793). Gynantocera pectinicornis, Guer., Voy. Deless. Hist. Nat. 87, pl. 24, fig. 4, (1843).Chalcosia pectinicornis, Hübn, Verz. Bek. Schmett. 173, 1785, (1816). Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854). - loc. cit. vii, p. 1669, (1856). Collection Swinhoe, Terai Alps, Simla, Kasauli.

Also recorded from Landaur, Nepal, China, (?) America.

412. CHALCOSIA PRETIOSA.

Chalcosia pretiosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 116, (1864).

Moore, Lep. Ceyl, ii, p. 44, pl. 96, fig. 4, (1882).

Ceylon.

413. CHALCOSIA QUADRIFASCIATA.

Chalcosia quadrifasciata, Moore, Lep. Ceyl. ii, p. 45, pl. 96, fig. 5, (1882). Collection Swinhoe, Ceylon.

414. CHALCOSIA SIMILATA.

Chalcosia similata, Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 3, 3a, (1882). Ceylon.

415. CHALCOSIA ZEHMA.

Milleria zehma, Boisd., Herr.Schaff. Lep. Exot. Sp. Nov.. pl. 1, fig. 3, (1853).*

Chalcosia zehma, Walker, Cat. Lep. Het. B. M. vii, p. 1670. (1856).

Moore, Proc. Zool. Soc. Lond., 1867, p. 678.

Sylhet.

416. CHALCOSIA ZULEIKA.

Chalcosia zuleika, Walker, Cat. ii, p. 423, (1854). Sylhet.

Genus Epyrgis.

417. Epyrgis binghami.

Epyrgis binghami, Butler, Ann. Nat. Hist. (5), x, p. 374, (1882). Tenasserim.

418. EPYRGIS IMITANS.

Epyrgis imitans, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 84, fig. 1, (1881). Bhotan.

419. Epyrgis papilionaris.

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Mergui (Anderson), Goalpara, Dunsiri, Sylhet, Buxa (Moti Ram), N. Khasi Hills, Sikkim (Barnes).

Collection Swinhoe, Darjiling, Cachar, Mergui.

Also recorded from Madras and Hongkong.

420. EPYRGIS PARVULA.

Epyrgis parvula, Butler, Ann. Mag. N. H. (5), xii, p. 160, (1883).

I. M., Nicobar Is. (purchased).

Collection Swinhoe, Andamans.

Also recorded from Darjiling.

Genus Cyclosia.

421. CYCLOSIA CARDINALIS.

Cyclosia cardinalis, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879). Darjiling.

422. Cyclosia nigrescens.

Cyclosia nigrescens, Moore, Froc. Zool. Soc. Lond. 1877, p. 600.

I. M., Andaman Is. (purchased).

Collection Swinhoe, British Burma.

423. Cyclosia Panthona.

Phalana panthona, Cramer, Pap. Exot. iv, pl. 322, fig. C. (1780).

Cyclosia panthona, Walker, Cat. Lep. Het. B. M. fi, p. 417, (1854).

Moore, Lep. Ceyl. ii, p. 44, pl. 97, figs. 1, 1a, 1b, (1882).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Mergui (Anderson).

Collection Swinhoe, N. India, Mergui.

Also recorded from Sylhet, Ceylon, and Hongkong.

424. Cyclosia venusta.

Cyclosia renusta, Walker, Cat. Lep Het. B. M. ii, p. 416, (1854). Sylhet.

425. Cyclosia virginalis.

Milleria virginalis, Boisd., Herr. Schaff, Lep. Exot. Sp. Nov, fig. 4, (1853).* Cyclosia subeganescens, Walker, Cat. Lep. Het. B. M. ii, p. 417, (1854). Cyclosia virginalis, Walker, Cat. Lep. Het. vii, p. 1669, (1856). — Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Sylhet.

Genus Chatamla.

426. Chatamla flavescens.

Euschema flavescens, Walker, Cat. Lep. Het. ii, p. 406, (1854).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Butler, Ill. Typ. Lep. Het. i, p. 57, pl. 14, fig. 3, (1877).

Chatamla flavescens, Moore, Proc. Zool. Soc. Lond. (1881), p. 320.

Collection Swinhoe, Sylhet.

Also recorded from Khasi Hills.

427. CHATAMLA NIGRESCENS.

Enschema nigrescens, Moore, Deser. Ind. Lep. Atk. i, p. 20, (1879). Chatamla nigrescens, Moore, Proc. Zool. Soc. Lond. 1881, p. 326. Darjiling.

Allied to E. flavescens.

Part II.

428. CHATAMLA TRICOLOB.

Chatamla tricolor, Butler, Ill. Typ. Lop. Het. v, p. 20, pl. 83, fig. 1, (1881).

Sylhet.

Allied to C. flavescens.

Genus Agalope.

429. Agalope basalis.

Agalope basalis, Walker, Cat. Lep. Het. B. M. ii, p. 438, (1854).

Butler, Ill. Typ. Het. v, p. 26, pl. 84, fig. 5, (1881).

I. M., Sikkim (purchased), Kulu (purchased), Simla (de Niceville). Collection Swinhoe, Cashmir, Pangi, Murree, Sikkim, Chumba. Also recorded from Almora.

430. AGALOPE GLACIALIS.

Agalope glacialis, Butler, Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 6, (1881). Darjiling.

431. AGALOPE PRIMULARIS.

Agalope primularis, Butler, Proc. Zool. Soc. Lond. 1875, p. 302.

111. Typ. Lep. Het. v, p. 26, pl. 84, fig. 7, (1881).

Collection Swinhoe, Kulu.

Also recorded from Darjiling.

Genus Laurion.

432. LAURION CIRCE.

 I. M., Khasi Hills (purchased), Sylhet, Cachar, Cherra, Shillong, Sibsagar (Peal).
 Collection Swinboe, Shillong, Khasi Hills.

433. LAURION GEMINA.

Laurion gemina, Walker, Cat. Lep. Het. B. M. ii, p. 427, (1854). Lauria gemina, Walker, loc. cit. vii, p. 1671, (1856). Milleria gemina, Walker, loc. cit. xxxi, p. 117, (1864).

I. M., Mergui (Anderson). Collection, Swinhoe, Hongkong, Sylhet.

434. LAURION MILES.

Laurion miles, Butler, Ill. Typ. Lep. v, p. 25, pl. 84, fig. 3, (1881). Darjiling.

Genus Milleria.

435. MILLERIA ALBIFASCIA.

Milleria albifascia, Moore, Descr. Ind. Lep. Atk. i, p. 19, (1879). Cherrapunji.

436. MILLERIA FULIGINOSA.

Cyclosia fuliginosa, Walker, Cat. Lep. Het. B. M. ii, p. 418, (1854).

Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Milleria fuliginosa, Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 6, (1881).

Sylhet.

Genus Heteropan.

437. HETEROPAN SCINTILLANS.

Heteropan scintillans, Walker, Cat. Lep. Het. B. M. ii, p. 441, (1854), Moore, Lep. Ceyl. ii, p. 43, pl. 96, fig. 3, (1882). Collection Swinhoe, Ceylon.

Genus Herpa.

438. HERPA SUBHYALINA.

Herpa subhyalina, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879). Sikkim.

439. HERPA VENOSA.

Herpa venosa, Walker, Cat. Lep. Het. B. M. ii, p. 442, (1854). I. M., Cherra. Collection Swinhoe, Sylhet.

Genus Retina.

440. RETINA RUBRIVITTA.

Retina rubrivitta, Walker, Cat. Lep. Het. B. M. ii, p. 439, (1854),

Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 4, (1881).

I. M., Sibsagar (Peal), Sikkim (purchased),

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

Genus Pidorus.

441. PIDORUS GLAUCOPIS.

 Phalena glaucopis,
 Drury, Ins. Exot. ii, p. 11, pl. 6. fig. 4, (1773).

 Cramer,
 Pap. Exot. iv, pl. 322, fig. D, (1780).

 Zygæna glaucopis,
 Fabr., Sp. Ins. ii, p. 164, 37, (1781).

 — Mant. Ins. ii, p. 105, 45, (1787).
 — Ent. Syst. iii, 1, p. 400, 47, (1793).

 Lencopsumis glaucopis,
 Hübn., Verz. Bek. Schmett, p. 177, 1827, (18.6).

 Callimorpha glaucopis,
 Westw., Ed. Drury ii, pl. 6, fig. 4, (1837).*

 Pidorus glaucopis,
 Walker, Cat. Lep. Het. B. M. ii, p. 424, (1854).

I. M., Buxa (Moti Ram), Cachar (Wood-Mason), Sibsagar, Shillong, Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

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Genus Codane.

442. CODANE LEUCOMELAS.

Codune leucomelas, Moore, Journ. As. Soc. Beng. lv. (2), 1, p. 97, (1886). Siam.

443. Codane zelica.

Gynautocera (Chalcosia) zelica, Doubleday, Ann. Mag. N. H. (1), xix, p. 76, pl. 7, fig. 3, (1847).

Pidorus zelica, Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854).

Codane zelica, Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 2, (1881).

Sylhet, Moulmein.

444. CODANE ZENOTEA.

Pidorus zenotea, Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854). Codane zenotea, Descr. Ind. Lep. Atk. i, p. 17, (1879).

N. India, Cherrapunji.

Genus Soritia.

445. SORITIA FUSCESCENS.

Soritia fuscescens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879). Darjiling.

446. SORITIA HYALINA.

Cyclosia hyalina, Kollar, Kaschmir, Von Hügel, p. 462, (1849). Soritia hyalina, Walker, Cat. Lep. Het. B. M. ii, p. 436, (1854). Mussooree.

447. SORITIA LEPTALINA.

Soritia leptalina, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854). Sylhet, Nepal.

448. SORITIA OLIVASCENS.

Soritia olivascens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879). I. M., a specimen with no history. Recorded from Khasi Hills.

449. SORITIA SEXPUNCTATA.

Eterusia sexpunctata, Walker, Cat. Lep. Het. B. M. ii, p. 432, (1854).

I. M., Sikkim (purchased), Cherra, Khasi Hills (purchased).
Collection Swinhoe, Nepal, Darjiling.
Also recorded from Sylhet.

Genus Chelura.

450. CHELURA BASIFLAVA.

Chelura basiflava, Moore, Proc. Zool. Soc. Lond. 1879, p. 391.

Waterhouse, Aid. ii, pl. 131, fig. 3, (1883).*

Darjiling.

451. CHELURA BIFASCIATA.

Chelura bifasciata, Hope, Trans. Linn. Soc. Lond. xviii, p. 444, (1841).

Walker, Cat. Lep. Het. B. M. ii, p. 437, (1854).

Collection Swinhoe, India.

Also recorded from Nepal and Assam.

452. CHELURA ERONIOIDES.

Chelura eronioides, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879). I. M., Sikkim.

453. CHELURA GLACIALIS.

Chelura glacialis, Moore, Proc. Zool. Soc. Lond. 1872, p. 570.

I. M., a specimen with no history.

Recorded from Darjiling.

Genus Erasmia.

454. Erasmia pulchella.

Erasmia pulchella, Hope, Trans. Linn. Soc. Lond. xviii, p. 446, pl. 31, fig. 5,

(1841).

Westw., Arcava Ent., p. 19 (1843).

Walker, Cat. Lep. Het. B. M. ii, p. 419, (1854).

I. M., Naga, Sikkim (Atkinson), Sibsagar (Peal), Sylhet.

Collection Swinhoe, Darjiling.

Genus Campylotes.

455. CAMPYLOTES ATKINSONI.

Campylotes atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879).

Waterhouse, Aid. ii, pl. 92, (1882).*

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim.

456. Campylotes histrionicus.

Campylotes histrionicus, Westw., Royle, Illustr. Himalayas, p. liii, pl. 10, fig. 1, (1837).

Arcana Ent., p. 20, (1843).

Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).

Chalcosia histrionica, Kollar, Kaschmir, Von Hügel, p. 463, (1848).

I. M., Shillong, Mussooree (Templeton), Khasi Hills, Kulu (Purchased), Kumaon (Clellain), Cherra, Dolhi.

Collection Swinhoe, Simla, Sikkim, Khasi Hills.

Also recorded from Nepal and Kashmir.

Genus Atossa.

457. Atossa nelcinna.

Atossa nelcinna, Moore, Proc. Zool. Soc. Lond. 1874, p. 577, pl. 67, fig. 7.

N.W. Himalayas.

Genus Thymara.

458. THYMARA CAUDATA.

Thymara caudata, Moore, Proc. Zool. Soc. Lond. 1879, p. 394, pl. 32, fig. 3. I. M., Wynaad.

Also recorded from Burma and Assam.

459. THYMARA ZAIDA.

Thymara zaida, Doubleday, Zoologist i, p. 198.* --- Walker, Cat. Lep. Het. ii, p. 383, (1854). N. India.

FAMILY NYCTEMERIDÆ.

Genus Nyctemera.

460. Nyctemera arctata.

Nuctemera arctata, Walker, Cat. Lep. Het. B. M. vii, p. 1664, (1856). Collection Swinhoe, Darjiling. Also recorded from Cherrapunji.

461. NYCTEMERA CENIS.

Phalana cenis, Cramer, Pap. Exot. ii, pl. 147, fig. E, (1777). Nyctemera cenis, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 332, (1859).

I. M., Shillong, Naga Hills, Sibsagar, Yunan, Buxa (Moti Ram), Sikkim (purchased). Collection Swinhoe, Simla, Sikkim, Assam.

Also recorded from Cherrapunji.

462. NYCTEMERA COLETA.

Phalana coleta, Cramer, Pap. Exot. iv, pl. 368, fig. II, (1781). Nuctemera coleta, Hübn., Verz. Bek. Schmett. 178, (1816). Walker, Cat. Lep. Het. B. M. ii, p. 399, (1854). - Moore, Journ. As. Soc. Beng., lv, (2), 1, p. 97, (1886). I. M., Sibsagar (Peal), Perak (purchased), Tavoy (Moti Ram). Also recorded from Ceylon and Ceram.

463. NYCTEMERA LACTICINIA.

Phalæna (Geometra) lacticinia, Cramer, Pap. Exot. ii, pl. 128, fig. E, (1777)

Nyctemera lacticinia, Hübner, Verz. Bek. Schmett. p. 178, (1816).

Walker, Cat. Lep. Het. B. M. ii, p. 395, (1854).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 321, pl. 14, figs.

10, 10a, (1859).

Butler, Proc. Zool. Soc. Lond. 1881, p. 614.

Moore, Lep. Ceyl. ii, p. 47, pl. 99, figs. 1, 1a, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

I. M., Cachar (Wood-Mason).

Collection Swinhoe, Belgaum, Poona, Travancore, Nilgiri Hills.

Also recorded from Coromandel, Malabar, Burma, Ceylon, Java, Ceram, Hongkong.

464. NYCTEMERA MACULOSA.

Nyctemera maculosu, Walker, Cat. Lep. Het. B. M. xxxi, p. 198, (1864). I. M., Sikkim, Shillong. Allied to N. lacticinia.

465. Nyctemera nigrovenosa.

Nyctemera nigrovenosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

Lep. Ceyl. ii, p. 48, pl. 98, figs. 4, 4a, (1882).

Allied to N. coleta.

Collection Swinhoe, Ceylon.

466. NYCTEMERA TRIPUNCTARIA.

Nyctemera atralba, Hübn. Verz Bek. Schmett. 178, (1816).

I. M., Tavoy (Moti Ram).

Also recorded from Assam, Penang, China.

Genus Pitasila.

67. PITASILA LEUCOSPILOTA.

Pitasila leucospilota, Moore, Proc. Zool, Soc. Lond. 1877, p. 599, pj. 59, fig. 7.

I. M., Andaman Is. (purchased). Collection, Swinhoe, Andaman Is.

468. PITASILA MOOLAICA.

* Pitasila moolaica, Moore, Proc. Zool. Soc. Lond. 1878, p. 847, pl. 53, fig. 10.

Tenasserim.

469. PITASILA VARIANS.

 M., Sikkim (Barnes), Naga Hills, Sibsagar, Shillong, Dunsiri, Cachar (Wood-Mason), Buxar (Moti Ram).

Collection Swinhoe, Sikkim, Assam.

Also recorded from Moulmein.

470. PITASILA VARIOLOSA.

Pitasila variolosa, Felder, Reise Novara Lep., pl. 129, fig. 15, (1864-75).
I. M., Nicobar Is. (Cadell and deNiceville).
Collection Swinhoe, Nicobar Is.

Genus Trypheromera.

471. TRYPHEROMERA PLAGIFERA.

Nyetemera plagifera, Walker, Cat. Lep. Het, B. M. ii, p. 400, (1854). Trypheromera plagifera, Butler, Ill. Typ. Lep. Het, v. p. 45, pl. 88, fig. 3, (1881).

Tryphæromera (sie) plagifera, Moore, Journ. As. Soc. Bengal, liii, (2), 3, p. 234, (1884).

I. M., Cachar (Wood-Mason), Sikkim (purchased), Cherra, Khasi Hills, Sibsagar (Peal).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet and Hongkong.

Genus Leptosoma.

472. LEPTOSOMA LATISTRIGA.

I. M., Mergui (Anderson), Andaman Is. (purchased), Nicobar Is. (de Niceville), Tavoy (Moti Ram).

Collection Swinhoe, Calicut, Andaman Is.

Also recorded from Sylhet, Moulmein, Kanara, Ceylon, Java.

Genus Zonosoma.

473. ZONOSOMA INTERLECTUM.

Nyctemera interlecta, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854). Zonosoma interlectum, Butler, Ill. Typ. Lep. Het. v, p. 45, pl. 88, fig. 2, (1881).

Sylhet.

Genus Pterothysanus.

474. PTEROTHYSANUS ATRATUS.

Pterothysanus atratus, Butler, Ann. Mag. N. H. (5), xvi, y. 316, (1885). Assam.

475. Pterothysanus laticilia.

Pt	erothi		aticilia, Walker, Cat. Lep. Het. B. M. ii, p. 401, (18	
			Moore, Cat. Lep. Mus. E. I. Comp. ii, ρ. 3:	33, pl.
			8a, fig. 8, (1859).	
			Butler, Ill. Typ. Lep. Het. i, p. 56, pl. 14,	fig. 2,
			(1877).	••
			Aun. Mag. N. H. (5), xvi, p. 345, (18	385).
1.	М.,	8ikkim	(Atkinson and Barnes), Sibsagar (Peal), I	3uxar

(Moti Ram). Collection Swinhoe, Sikkim. Also recorded from Sylhet.

476. PTEROTHYSANUS PICTUS.

Pterothysanus pictus, Butler, Ann. Mag. N. H. (5), xiv, p. 407, (1884). Elephanta Island.

Genus Arbudas.

477. Arbudas bicolor.

Arbudas bicolor, Moore, Descr. Ind. Lep. Atk. i, p. 20, pl. 2, fig. 19, (1879).Darjiling.

Genus Curoba.

478. CUROBA SANGARIDA.

Phalana (Noctua) sangarida, Cramer, Pap. Exot. iv, pl. 381, fig. D. (1781). Phalana (Noctua) mopsa, Drury, Exot. Ins. iii, p. 4, pl. 3, fig. 3, (1782). Eucharia sangarida, Hübn., Verz. Bek. Schmett, p. 181, (1816). Callimorpha mopsa, Westw., Ed. Drury iii, p. 4, pl. 3, fig. 3, (1837).* Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855). Alope sangarida, Walker, loc. cit. iii, p. 620, (1855). Curoba fasciata, Walker, loc. cit. xxxi, p. 272, (1864). Curoba sangarida, Moore, Lep. Ceyl. ii, p. 49, pl. 99, figs. 3, 3., (1882).

Ceylon, Madras.

Genus Dondora.

479. Dondera alba.

Dondera alba, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877). ---- Lep. Ceyl. ii, p. 48, pl. 98, fig. 3, (1882). Ceylon.

FAMILY CALLIDULIDÆ.

Genus Callidula.

480. CALLIDULA ANCHORA.

Callidula unchora, Moore, MS.

I. M., Kulu (purchased), Sikkim (Barnes). Collection Swinhoe, Simla, Kulu.

481. CALLIDULA ERYCINOIDES.

Callidula erycinoides, Walker, Char. Undescr. Lep. Het. p. 3, (1869). Collection Swinhoe, Darjiling, Terai Ghat.

Genus Cloosiris.

482. Cleosiris ca	Т٨	. 31	ITA.
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Cleosiris catamita, Hübn. Geyr. Zutr. Exot. Schmett, pt. 4, p. 17, figs
653, 654, (1832).*
Doubleday Westw., Gen. Diurn. Lep. ii, p. 504, pl
77, fig. 9.
Poisd., Sp. Gen. Lep. i, pl. 23, fig. 3.*
Moore, Proc. Zool. Soc. Lond. 1877, p. 599.
Snellen, Tijd. Ent. xxii, p. 67, pl. vi, figs. 1, 1a, 1b, 1c, (1879).
Moore, Lep. Ceyl. ii, p. 50, pl. 99, figs. 4, 4a, (1882).
 M., Sibsagar (Peal), Sikkim (Barnes), Andaman Is., var. (purchased), Nicobar Is., var. (purchased).
Collection Swinhoe, Sikkim, and Ceylon.
Also recorded from Sylhet, S. India, and Java.
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483. CLEOSIRIS MAJOR.

Cleosiris major, Moore, Proc. Zool. Soc. Lond. 1883, p. 15. N. India.

Genus Horimba.

484. HERIMBA ATKINSONI.

Herimba atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 21, pl. 2, fig. 3, (1879). Darjiling.

Genus Datanga.

485. DATANGA ATTENUATA.

Batanga attenuata, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879). Collection Swinhoe, Sikkim.

486. DATANGA MINOR.

Datanga minor, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879). Moulmein, Burma.

FAMILY PSYCHIDÆ.

Genus Aprata.

487. APRATA MACKWOODII.

Aprata mackwoodii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, fig. 8, (1882). Ceylon.

488. APRATA THWAITESIL.

Aprata thwaitesii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, figs. 7, 7a, (1882). Ccylon.

Genus Bambalina.

489. Bambalina consorta.

Oiketicus (Cryptothelea) consortus, Templeton, Trans. Ent. Soc. Lond. v, p. 40, pl. 5, figs. 6, 7, (1847-49).

Oiketicus consortus, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 36, fig. 3.

Heyleart, Comptes Rend. Soc. Ent. Belg. 1884, p.

Bambalina consorta, Moore, Lep. Ceyl. ii, p. 103, pl. 118, figs. 3, 3a, (1882).

Bambalina consorta, Moore, Lep. Ceyl. ii, p. 103, pl. 118, figs. 3, 3a, (1882) Ceylon, N. India.

Genus Eumeta.

490. EUMETA CRAMERII.

Oiketicus cramerii, Westw., Proc. Zool. Soc. Lond. 1854, p. 236, pl. 37, fig. 4. Cryptothelea consorta, Walker (nec Templeton), Cat. Lop. Het. B. M. iv, p. 970, (1855).

Eumeta crameri, Moore, Cat. Lep. Mus. E. I. Co. ii, p. 434, (1859).

Lep. Ceyl. ii, p. 102, pl, 118, figs. 1, 1a, (1882).

Eumeta nictneri, Felder, Reise Novara, pl. 83, fig. 21, (1864-75).

I. M., Calcutta (Wood-Mason), Panjab (India Forest Department), Assam (Messrs. Mackinnon, Mackenzie & Co.)

Also recorded from Kanara and Ceylon.

491. EUMETA LAYARDII.

Eumeta layardii, Moore, Lep. Ceyl. ii, p. 102, pl. 118, figs. 2, 2u, (1882). Eumeta cramerii, Walker (nec Westw.) Cat. Lep. Het. B. M. iv, p. 964, (1855).

Genus Dappula.

492. DAPPULA TEMPLETONII.

Oiketicus templetonii, Westw., Proc. Zool. Soc. Lond. (1854), p. 234, pl. 36, fig. 2.

Heylearts, Comptes Rend. Soc. Ent. Belg. 1884, p. xxxvii.

Oiketicus tertius, Templeton, Trans. Ent. Soc. Lond. v, p. 39, pl. 5, figs. 1-5, (1847-49).

Eumeta templetonii, Walker, Cat. Lep. Het. B. M. iv, p. 965, (1855).

Dappula templetonii, Moore, Lep. Ceyl. ii, p. 104, pl. 118, figs. 6, 6a, (1882).

Ceylon, Hongkong.

Genus Manatha.

493. MANATHA ALBIPES.

Manatha albipes, Moore, Ann. Mag. N. H. (4), xx, p. 317, (1877).

Lep. Ceyl. ii, p. 105, pl. 118, figs. 4, 4a, (1882).

Ceylon.

Genus Metisa.

494. METISA PLANA.

Metisa plana, Walker, Cat. Lep. Het. B. M. iv, p. 958, (1855).

Moore, Lep. Ceyl. ii, p. 105, pl. 118, fig. 9, (1882).
Ceylon.

Genus Chalia.

495. CHALIA DOUBLEDAII.

Oiketicus doubledaii, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 34, fig. 4.

Psyche denbledaii, Walker, Cat. Lep. Het. B. M. iv, p. 956, (1855).

Chalin doubledayi, Moore, Ann. Mag. N. H. (4), xx, p. 346, (1877).

Lep. Ceyl. ii, p. 106, pl. 118, figs. 5, 5a, (1882).

Ceylon.

Genus Mahasona.

496. MAHASENA ANDAMANA.

Mahasena andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602, pl. 59, fig. 4.

S. Andaman Is.

Genus Kophene.

497. KOPHENE CUPREA.

Kophene cuprea, Moore, Descr. Ind. Lep. Atk. i, p. 72, (1879). Calcutta.

498. KOPHENE MINOR.

Kophene minor, Moore, Descr. Ind. Lep. Atk. i, p. 73, (1879). Chalia minor, Heylearts, Comptes Rendus Soc. Ent. Belg. 1884, p. xxxvi. Calcutta.

FAMILY NYCTEOLIDÆ.

Genus Earias.

499. EARIAS CHROMATARIA.

Earias chromataria, Walker, Cat. Let. Hep. B. M. xxvii, p. 204, (1863). Earias chromataria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880. Collection Swinhoe, Simla, Bombay.

500. EARIAS INSULANA.

Collection Swinhoe, Bombay, Satara, Poona, Asirgarh Kara-chi.

Also recorded from S. Europe, Africa, Madagascar, Mauritius, and Siam.

Attacks cotton boll in Egypt.

501. EARIAS HÜGELI.

(f) Earias frondosana (var. B), Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (1863).
 Earias hügeli, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 872, (1870).
 India, Australia.

502. EARIAS SPEIPLENA.

Aphusia speiplona, Walker, Cat. Lep. Hef. B. M. xii, p. 770, (1857). Micra partita, Walker, xxxiii, p. 799, (1865).

Collection Swinhoe, Cawnpore, Mhow, Karachi, Bombay, Khan-dalla.

Also recorded from Java.

503. EARIAS TRISTRIGOSA.

Earias tristrigosa, Butler, Proc. Zool. Soc. Lond. 1881, p. 614.

loc. cit. 1883, p. 157.

Swinhoe, Proc. Zool. Lond. 1884, p. 528; and 1885, p. 881.

Collection Swinhoe, Karachi, Beluchistan.

Also recorded from Bombay and the Puniab.

Genus Tyana.

504. TYANA CALLICULORA.

Tyana callichlora, Walker, Cat. Lep. Het. B. M. xxxv, p. 1776, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 14.

Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, figs. 2 & 3, (1886).

I. M., a specimen with no history.

1. M., a specimen with no history Collection Swinhoe, Darilling.

505. TYANA CHLOROLEUOA.

Tyana chloroleuca, Walker, Cat. Lep. Het. B. M. xxxv, p. 1777, (1866).

Butler, Ill. Typ. Lep. Het. vi, p. 15, pl. 105, figs. 5 & 6, (1886).

Darmling.

506. TYANA FALCATA.

Hylophila falcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1772, (1866). Tyana falcata, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 9, (1886). Collection Swinhoe, Darjiling.

TYANA LANCINA.

Tyana lancina, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).

Bhotan,

Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).

Bhotan,

568. Tyana pustulifera.

Eurius spustulifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1773, (1866). Tyana pustulifera, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 7, (1886).

509, TYANA SPECULATRIX.

110. TYANA SUPERBA.

Tyona superba, Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 15. Darjiling.

Genus Thagora.

511. THAGORA FIGURANA.

Thagora figurana, Walker, Cat. Lep. Het. B. M. xxvii, p. 205, (1863). Ceylon.

FAMILY LITHOSIIDÆ.

Sub-Family HYPSINE.

Genus Peridrome.

512. Peridrome orbicularis.

Hypsa (Peridrome) orbicularis, Walker, Cat. Lep. Het. B. M. ii, p. 445, (1854).

Aganopis subquadrata, Herr. Schäff., Lep. Spec. Nov., p. 70, fig. 501, (1856).*

Peridrome orbicularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; 1877, p. 598; and 1878, p. 847.

I. M., Sylhet, Tenasserim, Andaman Is. (purchased). Collection Swinhoe, Andamans, Rangoon, Assam.

Genus Euplocia.

513. EUPLOCIA MEMBLIARIA,

Phalana membliaria, Cramer, Pap. Exot. iii, p. 269, 6gs. C, D. (1780).
 Euplocia membliaria, Hibber, Verz. Bek. Schmett. p. 172, (1816).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1877, p. 598.

Hypsa membliaria, Walker, Cat. Lep. Het. B. M. ii, p. 448, (1854).

I. M., Andaman Is. (purchased).

Collection Swinhoe, South Andamans.

Also recorded from Bengal.

Genus Neochera.

514. NEOCHERA DOMINA.

Phalana domina, Cramer, Pap. Exot. iii, pl. 263, figs. A. B. (1779). Neochera domina, Hübn. Verz. Bek. Schmett, p. 173, (1816). -Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

Cherrapunji, Coromandel, Sylhet, Java.

515. NEOCHERA MARMOREA.

Hypsa (Neochera) dominia, Walker (nec Cramer), Cat. Lep. Het. B. M. ii, p. 448. (1854).

Hupsa (Euplocia) marmorea, Walker, loc. cit. vii, p. 1674, (1856). Neochera marmorea, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1878,

Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, figs. 10 and 11.

I. M., Sikkim (purchased), Buxa (Moti Ram), Cachar (Wood-Mason), Sylhet, Naga Hills, Sibsagar (Peal), Tavoy (Moti Ram).

Collection Swinhoe, Pegu, Sylhet, Sibsagar, Rangoon.

Also recorded from Moulmein and Java.

516. NEOCHERA TORTUOSA.

Neochera tortuosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 570, pl. 33, fig. 2. India.

Genus Hypsa.

517. HYPSA CANARAICA.

Hypsa canaraica, Moore, Proc. Zool. Soc. Lond. 1873, p. 3. Collection Swinhoe, Nilgiris. Also recorded from Kanara. Allied to H. heliconia.

518. HYPSA CLAVATA.

Hypsa clavata, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.

Moore, Journ. As. Soc. Beng. (53), 2, iii, p. 235, (1884).

Cachar, Sylhet, Hongkong.

519. Hypsa heliconia.

520. HYPSA LACTEATA.

Hypsa lacteata, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 9, (1881). Collection Swinhoe, Sylhet. Also recorded from Darjiling.

521. HYPSA MONYCHA.

Phalana monycha, Cramer, Pap. Exot. ii, pl. 131, fig. C, (1777). Hypsa monycha, Walker, Cat. Lep. Het. B. M. ii, p. 451, (1854). I. M., Sibsagar (Peal), Cachar (Wood-Mason). Collection Swinhoe, Sylhet. Also recorded from Coromandel. Allied to H. plana.

522. Hypsa parhos.

Noctua paphos, Fabr., Ent. Syst. iii, (2), p. 18, No. 33. (1794).
Hypsa heliconia, var. a, Walker, Cat. Lep. Het. B. M. ii, p. 452, (1854).
I. M., Sibsagar (Peal), Sikkim (purchased), Cachar, (Wood-Mason).
Collection Swinhoe, Sikkim, Rangoon.

523. Hypsa persecta.

IIypsa persecta, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.

Moore, Lep. Ceyl. ii, p. 51, pl. 100, figs. 1, 1a, (1882).

I. M., Sikkim, Khurdha (de Niceville).

Also recorded from Ceylon.

Allied to H. plana.

524. Hypsa Plana.

Hypsa plana, Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854). Sylhet, Ceylon, Java.

525. Hypsa silvandra.

Phalana silvandra, Cramer, Pap. Exot. iv, pl. 369, fig. D, (1781). Hypsa silvandra, Hübn. Verz. Bek. Schmett., p. 172, (1816). -Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854). - loc. cit. vii, p. 1674, (1856). -Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

I. M., Sibsagar (Peal).

Collection Swinhoe, Upper Tenasserim.

from Coromandel, Sylhet, Hongkong, recorded Australia.

526. Hypsa subsimilis.

Hypsa subsimilis, Walker, Cat. Lep. Het. B. M. xxxi, p. 212, (1864). — Moore, Proc. Zool. Soc. Lond. (1878), p. 847. Singapore, Tenasserim.

527. Hypsa venalba.

Hypsa venalba, Moore, Proc. Zool. Soc. Lond. 1877, p. 598. I. M., Nicobar Is. (Cadell and deNiceville). Collection Swinhoe, Nicobar Is. Also recorded from Andaman Is.

Genus Damalis.

528. Damalis alciphron.

Phalana alciphron, Cramer, Pap. Exot. ii, pl. 133, fig. E, (1777). Noctua carica, Fabr., Ent. Syst. iii, 2, p. 27, 63, (1794). - Donovan, Epit. Ins. New. Holl., pl. 39, fig. 2, * Hipocrita (vulgaris) caricæ, Hübn., Samml. Exot. Schmett. 1, pl. 191, figs. 1-4, (1806). * Damalis carica, Hübn., Verz. Bek. Schmett., p. 172, (1816). Hypsa (Danalis) carica, Walker, Cat. Lop. Het. B. M. ii, p. 454, (1854). -- loc. cit.. vii, p. 1675. (1856). Hypsa alciphron, Moore, Cat. Lep. Mus. E. I. C. ii, p. 292, pl. 13, figs. 6, 6a, (1859).Hypsa carica, Snellen, Tijd. Ent. xx, p. 6, (1877).

Damalis alciphron, Moore, Proc. Zool. Soc. Lond. 1877, p. 598; and 1878, p. 847. - Lep. Ceyl. ii, p. 52, pl. 102, figs. 1, 1a, 1b, (1882). Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292. I. M., Cachar (Wood-Mason), Sibsagar (Peal), Kulu (purchased) Andaman Is. (purchased). Collection Swinhoe, Andamans, Bombay.

Also recorded from Tenasserim, Penang, Ceylon, Amboina, Ceram, New Guinea, Java.

529. Damalis andamana.

Hypsa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 5. I. M., Andaman Is. (purchased).

Part I1.

530. Damalis concana.

Damalis concana, Moore, Proc. Zool. Soc. Lond. 1878, p.
Waterhouse, Aid, ii, pl. 132, fig. 7. *

Canara.

Allied to D. alciphron.

531. DAMALIS EGENS.

Hypsa (Damalis) egens, Walker, Cat. Lep. Het. B. M. ii, p. 453, (1854). Aganais egens, Snellen, Tijd. Ent. xxii, p. 80, pl. 7, fig. 4, (1879). Damalis egens, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 8, (1881).

I. M., Buxa (Moti Ram), Sikkim (Barnes), Sibsagar (Peal). Collection Swinhoe, Assam, Rangoon.
Also recorded from Sylhet, Moulmein, and Java.

532. DAMALIS JAVANA.

Phalana javana, Cramer, Pap. Exot. iii, pl. 274, fig. C. (1780). Hypsa javana, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854). Java, E. Indies.

533. DAMALIS NEBULOSA.

Damalis nebulosa, Butler, Trans. Ent. Soc. Lond. 1875, p. 322. Andaman Is., Sarawak.

534. DAMALIS PLAGINOTA.

Hypsa plaginota, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.

Damalis plaginota, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.

Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 7, (1881).

I. M., Sylhet, Kulu (purchased), Cachar (Wood-Mason), Sibsagar, Sikkim (Barnes), Buxa (Moti Ram).

Collection Swinhoe, Simla, Sikkim, Kulu.

Also recorded from Tenasserim.

Allied to D. alciphron.

535. Damalis producta.

Hypsa producta, Butler, Trans. Ent. Soc. Lond. 1875, p. 320. Danalis producta, Moore, Lep. Ceyl. ii, p. 52, pl. 101, figs. 1, 1a, (1882).

Collection Swinhoe, Ceylon.

536. DAMALIS SERICEA.

Hypsa sericea, Moore, Proc. Zool. Soc. Lond. 1878, p. 3. Damalis sericea, Swinhoc, Proc. Zool. Soc. Lond. 1885, p. 292.

Collection Swinhoe, Poona, Bombay. 'Also recorded from Kanara.

537. DAMALIS STRIGIVENATA.

Damalis strigivenata, Butler, Trans. Ent. Soc. Lond. 1875, p. 321. Ann. Mag. N. H. (5), V, p. 223, (1880). Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292. I. M., Tavoy (Moti Ram), Perak (purchased). Collection Swinhoe, Calicut, Belgaum, Poona, Bombay. Allied to D. alciphron.

Genus Lacides.

538. LACIDES FICUS.

Noctua ficus, Fabr., Ent. Syst. iii, 2, p. 27, 62, (1794). Damalis ficus, Hübn. Verz. Bek. Schmett, p. 172, 1781, (1816). Hypsa (Lacides) ficus, Walker, Cat. Lep. Het. B. M. ii, p. 456, (1854). Hypsa ficus, Moore, Cat. Lep. Mus. E. I. C. ii, p. 293, pl. 13, figs. 8, 8a, (1859).Lacides ficus, Moore, Lep. Ceyl. ii, p. 53, pl. 100, fig. 2, (1882). - Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397. - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292. - Proc. Zool, Soc. Lond. 1886, p. 437. I. M., Allahabad (Dobson), Kulu (purchased).

Collection Swinhoe, Simla, Mhow, Poona, Belgaum, Bombay, Karachi, Mahableshwar.

Also recorded from Tranquebar, Kanara, and Ceylon.

Genus Anagnia.

539. Anagnia subfascia.

Hypsa (Anagnia) subfascia, Walker, Cat. Lep. Het. B. M. ii, p. 446, (1854). Anagnia subfascia, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.

Collection Swinhoe, N. India. Also recorded from Tenasserim.

Genus Philona.

540. PHILONA CINERASCENS.

Hypsa (Philona) cinerascens, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 6.

I. M., Andaman Is. (purchased).

Collection Swinhoe, Upper Tenasserim, South Andamans.

541. PHILONA INOPS.

Hypsa (Philona inops), Walker, Cat. Lep. Het. B. M. ii, p. 457, (1854). Philona inops, Moore, Proc. Zool. Soc. Lond. 1867, p. 677. Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 6 (1881). I. M., Sibsagar (Peal), Cachar (Wood-Mason). Collection Swinhoe, Sikkim. Also recorded from Sylhet.

Genus Calpenia.

542. CALPENIA KHASIANA.

Calpenia khasiana, Moore, Proc. Zool. Soc. Lond. 1878, p. 5. Descr. Ind. Lep. Atk. i, p. 22, (1879).

Khasi Hills.

543. Calpenia saundersi.

Calpenia saundersi, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 1. India.

Genus Agrisius.

544. AGRISIUS FULIGINOSUS.

Agrisius fuliginosus, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 3. India.

545. Agrisius guttivitta.

Genus Migoplastis.

546. MIGOPLASTIS CORRECTA.

Hypsa correcta, Walker, Cat. Lep. Het. B. M. xxxi, p. 217, (1864).

Migoplastis ceylanica, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285,
(1868).

Migoplastes ceylonica: (sic), Moore, Lep. Ceyl. ii, p. 54, pl. 100, fig. 5, (1882).

Migoplastes ceylonica: (sic), Moore, Lep. Ceyl. ii, p. 54, pl. 100, fig. 5, (1882)
Pachyphilona correcta, Butler, Trans. Ent. Soc. Lond. 1875, p. 325.
Ceylon.

Genus Digama.

547. DIGAMA FASCIATA.

548. DIGAMA FIGURATA.

Digama figurata, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
Collection Swinhoe, North Kanara, Bombay, Khandalla,
Mahableshwar.
Also recorded from Burma.

549. DIGAMA HEARSEYANA.

Digama hearseyana, (part),	Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. 7a
	fig. 3a, (1859).
	Walker, Cat. Lep. Het. B.M. xxxi, p. 238, 1864.
	Butler, Trans. Ent. Soc. Lond. 1877, p. 363.
	Moore, Proc. Zool. Soc. Lond. 1878, p. 4.
	Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
I. M., Kulu (purchased).	-

· Collection Swinhoe, Simla, Mirzapore, Sikkim, Campbellpur Bombay, Poona,

Also recorded from Allahabad, Manpuri, Dehra, Kanara, and Ceylon.

550. DIGAMA INSULANA.

Digama insulana, Felder, Verh. Zool. Bot. Ges. Wien. xviii, p. 285, (1868).

Butler, Trans. Ent. Soc. Lond. 1877, p. 363.

Moore, Proc. Zool. Soc. Lond. 1878, p. 5.

Lep. ('eyl. ii, p. 54, pl. 100, fig. 3, (1882).

Digama hearsoyana (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. vii a, fig. 3, (1859).

Collection Swinhoe, Ceylon.
Also recorded from India.

551. DIGAMA MARCHALII.

Callimorpha marchalii, Guer., Voy. Deless. Hist. Nat., p. 91, pl. 26, fig. 2, (1843).

Hypercompa marchalii, Walker, Cat. Lep. Het. ii, p. 656, (1855). Digama marchalii, Butler, Trans. Ent. Soc. Lond. 1877, p. 363. Nilgiri Hills.

552. DIGAMA NEBULOSA.

Digama nebulosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 238, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 362.

India.

553. DIGAMA SIMILIS.

Digama similis, Moore, Proc. Zool. Soc. Lond. 1878, p. 5. N.-W. Himalayas.

Sub-Family LITHOSIINÆ.

Genus Macrobrochis.

554. MACROBROCHIS ALBICANS.

Macrobrochis albicans, Butler, Ill. Typ. Lep. Het.v, p.41, pl. 87, fig. 5, (1881) Bhotan.

Allied to M. leucospilota.

555. MACROBROCHIS ATRATA.

Lithosia gigas (var. 3), Walker, Cat. Lep. Het. B. M. vii, p. 1681, (1855), Macrobrochis atrata, Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 3, (1881).

I. M., Sikkim (purchased). Collection Swinhoe, Sylhet.

556. Macrobrochis gigas.

Lithosia gigas, 3, Walker, Cat. Lep. Het. B. M. ii, p. 494, (1854); and vii, p. 1681, (1856).

Macrobrochis interstitialis, Herr Schüff, Lep. Exot., pl. 72, fig. 531, (1856).*

Macrobrochis gigas, Walker, loc. cit. xxxi, p. 223, (1864).

Moore, Proc. Zool. Soc. Lond. 1878, p. 7.

Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 4,(1881).

I. M., Sikkim (Barnes and Elwes).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

557. MACROBROCHIS LEUCOSPILOTA.

Macrobrochis leucospilota, Moore, Proc. Zool. Soc. Lond. 1878, p. 8. Cherrapunji.

558. Macrobrochis nigrescens.

Macrobrochis nigrescens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8. N.-E. Bengal.
Allied to M. gigas.

Genus Eligma.

559. ELIGMA NARCISSUS.

Phalana narcissus, Cramer, Pap. Exot. i, pl. 73, figs. E, F, (1775). Eligma narcissus, Moore, Proc. Zool. Soc. Lond. 1878, p. 7. Collection Swinhoe, Madras.

Also recorded from Penang, China, and Java.

Genus Tripura.

560. TRIPURA PRASENA.

Tripura prasena, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7a, fig. 6, (1859).

Proc. Zool. Soc. Lond. 1878, p. 8.

I. M., Naga Hills.

Also recorded from the Himalayas.

Genus Sidyma.

561. SIDYMA ALBIFINIS.

Sidyma albifinis, Walker, Cat. Lep. Het. B. M. vii, p. 1686. (1856).

Butler, Trans. Ent. Soc. Lond. 1877, p. 360.

Moore, Proc. Zool. Soc. Lond. 1878, p. 9.

Collection Swinhoe, Simla.

Also recorded from Mussooree.

662. SIDYMA APICALIS.

Bidyma apicalss, Moore, Proc. Zool. Soc. Lond. 1878, p. 9, pl. 1, fig. 11.

Descr. Ind. Lep. Atk. i, p. 22, (1879).

Darjding.

Genus Vamuna.

563. VAMUNA BIPARS.

Vanuna bipars, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 11.

Darjiling.

Descr. Ind. Lep. Atk. i, p. 23, (1879).

564. VAMUNA MACULATA.

Vanuna maculata, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 5. Descr. Ind. Lep. Atk. 1, p. 23, (1879).

565. VAMUNA REMELANA.

Lithosia remelana, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).

Crambomorpha, remelana, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.

Vamuna remelana, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.

Collection Swinhoe, North Khasi Hills, Sikkim.

Genus Crambomorpha.

566. CRAMBOMORPHA BINOTATUM.

Camptoloma binotatum, Butler, Ann. Mag. N. H. (5), vii, p. 35, (1881). Assam.

Genus Paraona.

567. PARAONA SPLENDENS.

Crambomorpha splendens, Butler, Trans. Ent. Soc. Lond. 1877, p. 357. Paraona splendens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8, pl. 1, fig. 1. Bombay.

Genus Chrysæglia.

568. Chrysæglia ferrifasciata.

Chrysæglia ferrifasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1, fig. 6.

I. M., Naga Hills, Sibsagar, Sikkim (Barnes). Collection Swinhoe, Sikkim. Also recorded from Nepal.

569. Chrysæglia magnifica.

Lithosia magnifica, Walker, Journ. Linn. Soc. Lond. vi, p. 103.

Chrysæglia magnifica, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.

Moore, Proc. Zool. Soc. Lond. 1878, p. 13.

I. M., Cherra. Collection Swinhoe, Simla. Also recorded from Borneo.

Genus Œnistis.

570. ŒNISTIS ENTELLA.

Phalæna extella, Cramer, Pap. Exot. iii, pl. 208, fig. D, (1779).

Geonistis entelleola, Hübn. Verz Bek. Schnett., p. 165, (1816).

Lithosia entella, Walker, Cat. Lep. Het. B. M. ii, p. 495, (1864).

Crambomorpha entella, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Genistis entella, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, and p. 847.

Lep. Ceyl. ii, p. 55, pl. 101, fig. 2, (1882).

Collection Swinhoe, Bombay, Khandalla, Ceylon.

Also recorded from Tenasserim and Sarawak.

Genus Mahavira.

571. MAHAVIRA FLAVICOLLIS.

Mahavira flavicollis, Moore, Proc. Zool. Soc. Lond. 1878, p. 11, pl. 1, fig. 3.

Darjiling.

Darjiling.

Genus Korawa,

572. KORAWA PALLIDA.

Korawa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 12.

Descr. Ind. Lep. Atk. 1, p. 25, (1879.)

Darjiling.

Genus Hesudra.

573. HESUDRA DIVISA.

Hesudra divisa, Moore, Proc. Zool. Soc. Lond. 1878, p. 12, pl. 1, fig. ...

Descr. Ind. Lep. Atk. 1, p. 26, (1879).

Darjiling.

Genus Ghoria.

574. GHORIA ALBOCINEREA.

Ghoria albocinerea, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1. fig. 10.

Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

575. GHORIA SERICEIPENNIS.

Ghoria sericeipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 13.

Descr. Ind. Lep, Atk. 1, p. 27, (1879).

Collection Swinhoe, Sikkim.

Genus Tarika.

576. TARIKA NIVEA.

Lithosia nivea, Walker, M.S.

Tarika nivea, Moore, Proc. Zool. Soc. Lond. (1878), p. 15.

Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

577. TARIKA VABANA.

Lithosia varana, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).

Butler, Trans. Ent. Soc. Lond. 1877, p. 353.

Tarika varana, Moore, loc. cit. 1878, p. 15, pl. 1, fig. 8.

Darjiling.

Genus Collita.

578. Collita lilacina.

Collita lilacina, Moore, Proc. Zool. Soc. Lond. 1878, p. 16. Yunan.

579. COLLITA PARVA.

Collita parva, Moore, Proc. Zool. Soc. Lond. 1878, p. 16, pl. 1, fig. 13. Darjiling.

Genus Katha.

580. KATHA BREVIPENNIS.

Lithosia brevipennis, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 351.

Katha brevipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.

Lep. Ceyl. ii, p. 56, pl. 101, fig. 4, (1882).

S. India, Ceylon.

581. KATHA CUCULLATA.

Katha cucullata, Moore, Proc. Zool. Soc. Lond. 1878, p. 17. Andaman Is.

582. KATHA INTERMIXTA.

Lithosia (Macrobrochis) intermixta, Walker, Cat. Lep. Het. B. M. xxxi p. 229, (1864).

Lithosia intermixta, Butler, Trans. Ent. Soc. Lond. 1877, p. 351.

Moore, Proc. Zool. Soc. Lond. 1877, p. 597.

Katha intermixta, Moore, loc. cit. 1878, p. 17.

S. India, Andaman Is.

583. KATHA NIGRIFRONS.

Lithosia nigrifrons, Moore, Proc. Zool. Soc. Lond. 1872, p. 572. Katha nigrifrons, Moore, loc. cit. 1878, p. 17, pl. 1, fig. 15.

N. India.

584. KATHA TERMINALIS.

Katha terminalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17, pl. 1, fig. 14.

Darjiling.

Darjiling.

Genus Manulea.

585. Manulea calamaria.

Munulea calamaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 18. N.-W. Himalayas.

Cenus Systropha.

586. Systropha auriflua.

Systropha auriflua, Moore, Proc. Zool. Soc. Lond. 1878, p 18, pl. 2. fig. 7. Manpuri, N.-W. India.

587. Systropha dorsalis.

Systropha dorsalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.
Descr. Ind. Lep. Atk. 1, p. 28, (1879).
Darjiling.

Genus Capissa.

588. CAPISSA AURIFLAVA.

Capissa auriflava, Moore, Proc. Zool. Soc. Lond. 1878, p. 19. Nepal.
Allied to C. vagesa.

589. CAPISSA FASCIATA.

Capissa fusciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 4.

Ceylon.

Lep. Ceyl. ii, p. 57, pl. 102, fig. 2, (1882).

500. CAPISSA FLAVENS.

Copissa flavens, Moore, Proc. Zool. Soc. Lond. 1878, p. 20. Kashmir.

591. CAPISSA INNOTATA.

Lithosia innotata, Walker, M.S.

Butler, Trans. Ent. Soc. Lond. 1877, p. 352.

Capissa innotata, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 2.

Nepal, N.-W. Himalayas.

592. Capissa nigripars.

Lithosia nigripars, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856). Capissa nigripars, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.
N. India.

593. CAPISSA PALLENS.

Capissa pallens, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 3.

Descr. Ind. Lep. Atk. 7, p. 28, (1879).

Darjiling.

594. CAPISSA VAGESA.

Lithosia vagesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 304, (1859).

Proc. Zool. Soc. Lond. 1867, p. 677.

Macrobrochis (Lithosia) vagesa, Walker, Cat. Lep. Het B. M. xxxi, p. 226, (1864).

Capissa vagesa, Moore, Proc. Zool. Soc. Lond. 1878, p. 19,

I. M., Kulu (purchased).
Collection Swinhoe, Simla, Sikkim, Kulu.
Also recorded from the Khasi Hills.

Genus Dolgoma.

595. DOLGOMA ANGULIFERA.

Lithosia angulifera, Felder, Reiso Novara Lep., pl. 106, fig. 12, (1864-75). Dolgoma angulifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 20. Darjiling.

596. Dolgoma Brunnea.

Dolgoma brunnea, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 8.

Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

597. Dolgoma oblitterans.

Lithosia oblitterans, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 235, (1868).

Dolgoma oblitterans, Moore, Lep. Ceyl. ii, p. 57, (1882).

Ceylon.

598. Dolgoma reticulata.

Lithosia reticulata, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).

Butler, Trans. Ent. Soc. Lond. 1877, p. 354.

Dolgoma reticulata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Collection Swinhoe, Sikkim.

Genus Mithuna.

599. MITHUNA QUADRIPLAGA.

Mithuna quadriplaga, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 9.

Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

Genus Cossa.

600. Cossa Basigera.

Cossa basigera, Walker, Cat. Lep. Het. B. M. xxxi, p. 233, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

Moore, Proc. Zool. Soc. Lond. 1878, p. 21.

S. India.

601. Cossa brunnea.

Cossa brunnea, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 11.

Descr. Ind. Lep. Atk. i, p. 30, (1879).

Darjiling.

602. Cossa inducta.

Lithosia (Macrobrochis) inducta, Walker, Cat. Lep. Het. B. M. xxxi, p., 232, (1864).

Cossa inducta, Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

S. India.

603. Cossa nubecula.

Cossa nubecula, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.
Andaman Is.

604. Cossa Quadrisignata.

Cossa quadrisignata, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 10.

Descr. Ind. Lep. Atk. 1, p. 30, (1879).

Darjiling.

605. Cossa Pallida.

Cossa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 21. Dharmsala.

Genus Ranghana.

606. RANGHANA PUNCTATA.

Genus Tegulata.

607. TEGULATA BASISTRIGA.

603. TEGULATA PROTUBERANS.

Tegulata protuberans, Moore, Proc. Zool. Soc. Lond. 1878, p. 23, pl. 2, fig. 6.

Descr. Ind. Lep. Atk. i, p. 31, (1879).

Darjiling.

Genus Nishada.

609. NISHADA FLABRIFERA. &

Nishada flabrifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 23.

Descr. Ind. Lep. Atk. i, p. 32, (1879).

Calcutta.

Genus Toulisna.

610. TEULISNA SORDIDA.

Teulisna sordida, Butler, Ill. Typ. [Lep. Het. B. M. v, p. 39, pl. 86, fig. 15, (1881).

Darjiling.

61 h TEULISNA TENUISIONA.

Teulisna tenuisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 24, pl. 2, fig. 13. Sikkim.

612. TEULISNA TETRAGONA.

Lithosia tetragona, Walker, Cat. Lep. Het. B. M. 2, p. 510, (1854).

Teulisna tetragona, Butler, Trans. Ent. Soc. Lond. 1877, p. 355.

Ill. Typ. Lep. Het. B. M. v, p. 39, pl. 86, fig 14, (1881).

Sylhet.

Genus Gandhara.

613. GANDHARA SERVA.

Lithosia serva, Walker, Cat. Lep. Het. B. M. ii, p. 506, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 350.

Gandhara serva, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 7.

I. M., Kulu (purchased).

Also recorded from Darjiling and Nepal.

Genus Simareea.

614. SIMAREEA BASINOTA.

Lithosia basinota, Moore, Proc. Zool. Soc. Lond. 1805, p. 798.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).

Enistis basinota, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.

Simareca basinota, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, pl. 1, fig. 16.

Collection Swinhoe, Darjiling.

Genus Ghuringa.

615. CHURINGA BEEMA.

Lithosia beema, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, [1866].

Crambomorpha beema, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.

Churinga beema, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

616. Chubinga Bufifrons.

Churinga rufifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 1

Darjiling.

Darjiling.

Genus Lithosia.

617. LITHOSIA COLON.

Lithosia colon, Moschler, Stett. Ent. Zeit. 1872, p. 353. Sylhet.

618. LITHOSIA CONFORMIS.

Lithosia conformis, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).

N. India.

Butler, Trans. Ent. Soc. Lond, 1877, p. 352.

619. LITHOSIA DISJUNCTA.

Lithosia disjuncta, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).

Darjiling.

Genus Zadadra.

620. ZADADRA DISTORTA.

Lithosia distorta, Moore, Proc. Zool. Soc. Lond. 1872, p. 572. Zadadra distorta, Moore, loc. cit. 1878, p. 25, pl. 2, fig. 15.

Genus Prabhasa.

621. PRABHASA FLAVICOSTA.

Prabhasa flavicosta, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 17.

Descr. Ind. Lep. Atk. i, p. 33, (1879).

Cherrapunji.

622. PRABHASA VENOSA.

Prabhasa venosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 16.

Collection Swinhoe, Darjiling.

Genus Gampola.

623. GAMPOLA FASCIATA.

Gampola fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 2, fig. 18.

Lep. Ceyl. ii, p. 58, pl. 102, figs. 4, 4a, (1882).

Collection Swinhoe, Ceylon.

Genus Brunia.

624. BRUNIA ANTICA.

Lithosia antica, Walker, Cat. Lep. Het. B. M. ii, p. 505, (1854).

Moore, Proc. Zool. Soc. Lond. 1877, p. 597.

Butler, Trans. Ent. Soc. Lond. 1877, p. 319.

Brunia antica, Meore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 9.

Lep. Ceyl. ii, p. 56, pl. 101, fig. 3, (1882).

Collection Swinhoe, Ceylon.

Also recorded from the Andaman Is.

625. BRUNIA CHOTA.

Brunia chota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 11, Collection Swinhoe, Poona.

Genus Chrysorabdia.

.626. Chrysorabdia bivitta.

Lithosia bivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1682, (1856).

India.

627. CHRYSORABDIA STRIGATA.

Gnophria (Enistis) strigata, Möschler, Stett. Ent. Zeit. 1872, p. 353. Chrysorabdia strigata, Butler, Trans. Ent. Soc. Lond. 1877, p. 358.

I. M., Sikkim.

Also recorded from Sylhet.

628. CHRYSORABDIA VIRIDATA.

Lithosia (Macrobrochis) viridata, Walker, Cat. Lep. Het. B. M. xxxi, p. 225, (1864); and xxxv, p. 1882,(1866).

Chrysorabdia viridata, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.

Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 1.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Genus Atolmis.

629. ATOLMIS QUADRIMACULATA.

Gnophria quadrimaculata, Möschler, Stett. Ent. Zeit. 1872, p. 352. Sylhet.

Genus Hypoprepia.

630. Hypoprepia (?) Hæmatopus.

Hypoprepia (?) hæmatopus, Felder, Reise Novara, Lep, pl. 193, figs. 54, 55, (1864-75).

Assam.

Genus Grotes.

631. GROTEA ELEGANS.

Grotea elegans, Moore, Proc. Zool. Soc. Lond. 1865, p. 797, pl. 43, fig. 1.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1888, (1866).

Darjiling.

Genus Miltochrista.

632, MILTOCHRISTA STRAMINEA.

Miltochrista straminea, Walker, Cat. Lep. Het. B. M. vii, p. 1685, (1856). India.

633. MILTOCHRISTA TESSELLATA.

Miltochrista tessellata, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12, Darjiling.

Genus Cydosia.

634. Cydosia punctella.

Tinea punctella, Cramer, Pap. Exot. iv, pl. 372, fig. L. (1781). Crameria subtilis, Hubn., Verz. Bek. Schmett, p. 168, (1816). Cydosia punctella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1894, (1866). Himalayas, Brazil.

Genus Charilina.

635. CHARILINA INO.

Phalana ino, Drury. Exot. Ins. iii, p. 39, pl. 29, fig. 3, (1782). Lithosia ino, Westw., Ed. Drury, iii, p. 40, pl. 29, fig. 3, (1837). Charilina ino, Walker, Cat. Lep. Het. B. M. ii, p. 561, (1854). Madras.

Genus Sesapa.

636. Sesapa andamana.

Sesapa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.

Butler, Trans. Ent. Soc. Lond. 1877, p. 345.

I. M., Andaman Is. (purchased).

Collection Swinhoe, Andamans.

637. SESAPA DECURRENS.

Sesapa decurrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).

I. M., a doubtful specimen with no history.

Recorded from Darjiling.

Allied to S. excurrens.

638. SESAPA EXCURRENS.

Sesapa excurrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).

Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

Butler, Trans. Ent. Soc. Lond. 1877, p. 311.

Collection Swinhoe, Khasi Hills, Sikkim.

Also recorded from Cherrapunji.

639. SESAPA UNDULOSA.

Cyllene undulosa, Walker, Cat. Lep. Het. B. M. ii, p. 545, (1854). Lyclene undulosa, Walker, loc. cit. xxxi, p. 246, (1864). Sesapa undulosa, Butler, Trans. Ent. Soc. Lond. 1877, p. 344. Moulmein.

Genus Rosolia.

640. RESELIA PASCUA.

Raselia pascua, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 6. Collection Swinhoe, Bombay, Poona.

Genus Padenia.

641. PADENIA TRANSVERSA.

Cyllene transversa, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854). Lyclene transversa, Walker, loc. cit. xxxi, p. 246, (1864). Lithosia bifasciata, Felder, Reise Novara Lep., pl. 106, fig. 11, (1864-75). Pallene transversa, Butler, Trans. Ent. Soc. Lond. 1877, p. 333. Padenia transversa, Moore, Lep. Ceyl ii, p. 59, pl. 103, fig. 1, (1882). I. M., Andaman Is. (purchased). Collection Swinhoe, Ceylon, Andaman Is.

Genus Nepita.

642. NEPITA ÆGROTA.

Nepita agrota, Butler, Trans. Ent. Soc. Lond. 1877, p. 336. India.

643. NEPITA ANILA.

Nepita anila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 302, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 240, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 335.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Pitane lydia, var. Walker (nec Donovan), Cat. Lep. Het. B. M. ii, p. 532, (1854).

Collection Swinhoe, Belgraum, Poona, Rombay.

Collection Swinhoe, Belgaum, Poona, Bombay. Also recorded from Bengal.

644. NEPITA CONFERTA.

Pitane conferta, Walker, Cat. Lep. Het. B. M. ii, p. 533, (1854).

Nepita conferta, Walker, loc. cit. xxxi, p. 240, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

Moore, Lep. Ceyl. ii, p. 66, pl. 104, figs. 7, 7a, 7b, 7c, 7d, (1882).

Nepita signata, Walker, loc. cit. xxxi, p. 240, (1864).

I. M., Poona (Murray). Collection Swinhoe, Ceylon.

645. NEPITA FRIGIDA.

Doliche frigida, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854). Nepita frigida, Butler, Trans. Ent. Soc. Lond. 1877, p. 337. Moulmein, Sarawak.

616. NEPITA HILARIS.

Doliche hilaris, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854). Nepita hilaris, Butler, Trans. Ent. Soc. Lond. 1877, p. 337. Adites hilaris, Moore, Lep. Ceyl. ii, p. 61, pl. 104, fig. 6, (1882). Collection Swinhoe, Ceylon.

647. NEPITA LIMBATA.

Nepita limbata, Butler, Trans. Ent. Soc. Lond. 1877, p. 336. N. India.

648. NEPITA OCHRACEA.

Nepita ochracea, Butler, Trans. Ent. Soc. Lond. 1877, p. 336. S. India.

649. NEPITA SEMIFASCIA.

Setina semifascia, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).

Nepita semifascia, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Lyclone semifascia, Moore, Lep. Ceyl. ii, p. 63, pl. 103, fig. 7, (1882).

Collection Swinhoe, Bombay, Khandalla.

Also recorded from Ceylon.

Genus Setina.

650. SETINA DHARMA.

Setina dharma, Moore, Proc. Zool. Soc. Lond. 1879, p. 394. N.-W. Himalayas.

Part II.

651. SETINA DISCISIGNA.

Setina discisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.

Descr. Ind. Lep. Atk. i, p. 37, (1879).

Cherra.

652. SETINA NEBULOSA.

Setina nebulosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.

Deser. Ind. Lep. Atk. i, p. 37, (1879).

Darjiling.

653. SETINA PUNCTILINEA.

Setina punctilinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.

Lep. Ceyl. ii, p. 64, pl. 103, fig. 9, (1882).

Ceylon.

Genus Doliche. •

654. DOLICHE GELIDA.

Doliche gelida, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Ill. Typ. Lep. Het. B. M. v, p. 36, pl. 86, fig. 6, (1881).

I. M., Sikkim (deNiceville). Also recorded from Sylhet.

Genus Cyana.

655. CYANA DETRITA.

Cyana detrita, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Ill. Typ. Lep. Het. B. M. v, p. 37, pl. 86, fig. 9, (1881).

I. M., Sikkim, Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Sylhet.

Genus Bizone.

656. BIZONE ALBOROSEA.

Lithosia (Macrobrochis) alborosea, Walker, Cat. Lep. Het. B. M. xxxi, p. 230, (1864).

Bizone alborosea, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

N. India.

657. BIZONE AMABILIS.

Bizone amabilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 597, pl. 59, fig. 2.

Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Andaman Is.

658. BIZONE ARAMA.

Rizone arama, Moore, Cat. Lop. Mus. E. I. C. ii, p. 306, pl. 7a, fig. 10, (1859). Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Cherra.
Also recorded from Darjiling.

659. BIZONE BELLISSIMA.

Bizone bellissima, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 3, fig. 13. Mussooree.

660. BIZONE BIANCA.

Bizone bianca, Walker, Cat. Lep. Het. vii, p. 1634, (1856).

Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Andaman Is. (purchased), Sikkim.

661. BIZONE COCCINEA.

Bizone coccinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 14. I. M., Sikkim (purchased).

662. BIZONE DIVAKARA.

Barsine divakara, Moore, Proc. Zool. Soc. Lond. 1865, p. 798, pl. 43, fig. 9. Bizone divakara, Butler, Trans. Ent. Soc. Lond. 1877, p. 337. Collection Swinhoe, Darjiling.

663. BIZONE EFFRACTA.

Barsine effracta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854). Bizone effracta, Butler, Trans. Eut. Soc. Lond. 1877, p. 339.

Nepal.

664. BIZONE FASCICULATA.

Bizone fasciculata, Walker, Cat. Lep. Het. vii, p. 1684, (1856).

Bizone adita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 396, pl. 7a, fig. 11, (1859).

Butler, Trans. Ent. Soc. Lond. 1877, p. 339,

I. M., Kulu (purchased), N. Khasi, Sikkim. Collection Swinhoe, Darjiling. Allied to B. signa.

665. BIZONE GAZELLA.

Bizone gazella, Moore, Proc. Zool. Soc. Lond. 1872, p. 572, pl. 33, fig. 4. I. M., Sikkim (purchased). Collection Swinhoe, Dharmsala. Also recorded from Mussooree.

666. Bizone guttifera.

Bizone guttifera, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).

Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

I. M., Andaman Is., var. (purchased). Collection Swinhoe, Darjiling, Matheran, Khandalla. Also recorded from Landaur.

667. BIZONE PALLENS.

Bizone pallens, Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

Ill. Typ. Lep. Het. v, p. 36, pl. 86, fig. 7, (1881).

I. M., Sikkim.

Also recorded from Moulmein and Sylhet.

668. BIZONE PEREGRINA.

Bizone peregrinu, Walker, Cat. Lep. Het. B. M. ii, p. 551, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Ceylon, S. India, Sylhet, Nepal, and Hong-kong.

669. BIZONE PERORNATA.

Bizone pergraata, Walker, Cat. Lep. Het. B. M. ii, p. 548, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Ill. Typ. Lep. Het. v, p. 37, pl. 86, fig. 8, (1881).

I. M., Sibsagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet, Sarawak, and Java.

670. BIZONE PUELLA.

671. BIZONE QUADRINOTATA.

Bizone quadrinotata, Walker, Char. Undescr. Lep. Het., p. 90, (1869). Benares.

672. BIZONE SIGNA.

Bizone signa, Walker, Cat. Lep. B. M. ii, p. 550, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Sylhet.

673. BIZONE SUBORNATA,

Bizone subornata, Walker, Cat. Lep. Het. B. M. ii, p. 550, (1854).

—Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

—Moore, Lep. Ceyl. ii, p. 60, pl. 103, fig. 4, (1882).

Collection Swinhoe, North Canara.
Also recorded from Ceylon.

674. BIZONE TRIGUTTATA.

Bizone triguttata, Walker, Char. Undescr. Lep. Het., p. 89, (1869). Benares.

Genus Lyclene.

675. LYCLENE ARCUATA.

Lyclene arcuata, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 5, (1882). Ceylon.

676. LYCLENE ARTOCARPI.

Lyclene artocarpi, Moore, Proc. Zool. Soc. Lond. 1878, p. 30.

Descr. Ind. Lep. Atk. i, p. 33, (1879).

Darjiling.

Allied to L. humilis.

677. LYCLENE ASSAMICA.

Lyclene assamica, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 8.

Descr. Ind. Lep. Atk. i, p. 34, (1879).

Dibrugarh, Assam.

678. LYCLENE CONGERENS.

Cymella congerens, Felder, Reise Novara Lep iv, pl. 106, fig. 14, (1864-75). Lyclene congerens, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.

N. India.

679. Lyclene delicata.

Lyclene delicata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31. Darjiling.
Allied to L. radians.

680. Lyclene discistriga.

Lyclene discistriga, Moore, Proc. Zool. Soc. Lond. 1878, p. 3. Darjiling.

681. LYCLENE HUMILIS.

Cyllene humilis, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854). Lyclene humilis, Walker, loc. cit. xxxi, p. 246, (1864).

Butler, Traus. Ent. Soc. Lond. 1877, p. 340.

Moulmein.

682. LYCLENE ILA.

Lyclene ila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 300, (1859).

Lep. Ceyl. ii, p. 63, pl. 103, fig. 6, (1882).

Ceylon, Canara.

683. LYCLENE INCONSPICUA.

Lyclene inconspicua, Moore, Proc. Zool. Soc. Lond. 1878, p. 32. N. India.

684. Lyclene indistincta.

Lyclene indistincta, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 9.

Descr. Ind. Lep. Atk. i, p. 34, (1879).

Darjiling.

685. Lyclene interserta.

Lyclene interserta, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 6.

Descr. Ind. Lep. Atk. 1, p. 34, (1879).

Darjiling.

686. LYCLENE NUBIFASCIA.

Barsine nubifascia, Walker, Cat. Lep. Het. B. M. xxxi, p. 251, (1864). Barsine punctifuscia, Walker, Char. Undescr. Lep. Het., p. 9, (1869). Lyclene nubifascia, Butler, Trans. Ent. Soc. Lond. 1887, p. 340. Miltochrista nubifascia, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86. fig. 11, (1881).

687. LYCLENE OBSOLETA.

Also recorded from Darjiling.

688. LYCLENE PALMATA.

Lyclene palmata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 5. I. M., Sibsagar (Peal).

689. LYCLENE PROMINENS.

Lyclene prominens, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 3. Cherra, Khasi Hills.

690. LYCLENE RADIANS.

Lyclene radians, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 2.

Descr. Ind. Lep. Akt. i, p. 34, (1879).

Darilling.

691. Lyclene spilosomordes.

Lyclene spilosomoides, Moore, Proc. Zool. Soc. Lond. 1878, p. 33. N.-W. India.

692. Lyclene terminata.

Lyclene terminata, Moore, Proc. Zool. Soc. Lond. 1878, p. 33. Khasi Hills.

693. LYCLENE ZEBRINA.

Lyrlene zebrina, Moore, Proc. Zool. Soc. Loud. 1878, p. 31, pl. 3, fig. 4. Calcutta.

Genus Barsine.

694. BARSINE COCCINEA.

Barsine coccinea, Moore, Journ. As. Soc. Beng. lv, (2) 1, p. 98, (1886). I. M., Tavoy (Moti Ram) Type.

695. BARSINE CONJUNCTANA.

Conchylis conjunctana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788, (1866). Miltochrista tessellata, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12, (1881).

Barsine conjunctana, Moore, Journ. As. Soc. Beng. liii (2), 3, 1884, p. 235.

I. M.; a diminutive specimen from Cachar (Wood-Mason). Also recorded from Darjiling.

696. BARSINE DEFECTA.

Barsine defecta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854), also, xxxi, p. 248, (1884).

Butler, Trans. Ent. Soc. Lond. 1877, p. 340.

Ammatho cunconotatus, Walker, Cat. Lep. Het. B. M. iii, p. 759, (1855). Barsine cunconotatus, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 10, (1882).

I. M., Goalpara.

Collection Swinhoe, Sikkim.

Also recorded from Nepal and Ceylon.

697. Barsine flammealis.

Barsine flammealis, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 15. I. M., Sikkim.

Collection Swinhoe, Darjiling, Dharmsala.

Allied to B. mactans.

698. BARSINE FLAVIVENOSA.

Barsine flavivenosa, Moore, Proc. Zool. Soc. Lond, 1878, p. 30, pl. 3, fig, 18.

Darjiling.

Darjiling.

699. BARSINE GLORIOSA.

Barsine gloriosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 29, pl. 3, fig. 16,

Descr. Ind. Lep. Atk. i, p. 35, (1879).

Khasi Hills.

700. BARSINE GRATIOSA.

Euchelia gratiosa, Guer., Voy. Deless. Hist. Nat, p. 90 pl. 26, fig. 1, (Deiopeia gratiosa, Walker, Cat. Lep. Het. B. M. ii, p. 573, (1854).

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (purchased).

Also recorded from the Nilgiri Hills.

701. BARSINE INFLEXA.

Barsine inflexa, Moore, Proc. Zool. Soc. Lond, 1878, p. 29, pl. 3, fig. 17.

Descr. Ind. Lep. Atk. 1, p. 35, (1879).

Darjiling.

702. BARSINE LINGA.

Barsine linga, Moore, Cat. Lep. Mus. E. I. C. ii, p. 301, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 249, (1864).

I. M., Sikkim (Asiatic Soc. Bengal). Collection Swinhoe, Simla, Sikkim.

703. BARSINE MACTANS.

Barsine mactans, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.

Miltochrista mactans, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 13, (1881).

Collection Swinhoe, Darjiling.

704. BARSINE PRETIOSA.

Barsine pretiosa, Moore, Proc. Zool, Soc. Lond. 1879, p. 394. N.-W. Himalayas. Allied to B. gratiosa.

705. BARSINE PUNICEA.

Barsine punicea, Moore, Proc. Zool. Soc. Lond., 1878, p. 29.

Descr. Ind. Lep. Atk. i, p. 36, (1879).

Darjiling.

706. BARSINE RUBRICOSA.

Lyclene rubricosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 1. Bursine rubricosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293. Collection Swinhoe, Bombay, Khandalla.

707. BARSINE SUFFUNDENS.

Barsine suffundens, Walker, Cat Lep. Het. B. M. xxxi, p. 250, (1864). S. India.

708. BARSINE TRIPARTITA.

Barsine tripartita, Walker, Cat. Lep. Het. B. M. xxxi, p. 250, (1864). India.

709. BARSINE TRIVITTATA.

Barsine trivittata, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.

Butler, Trans. Eut. Soc. Lond. 1877, p. 341.

1. M., Andaman Is. (purchased). Collection Swinhoe, Andamans.

Genus Æmene.

710. ÆMENE GUTTULOSANA.

Tospitis guttulosana, Walker, Cat. Lep. Het. B. M. xxviii, p. 429, (1863). Æmene guttulosana, Butler, Trans. Ent. Soc. Lond. 1877. p. 373.

Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 3, (1882).

M., a specimen with no history.
 Collection Swinhoe, N. India.
 Also recorded from S. India and Ceylon.

711. ÆMENE MACULIFASCIA.

Emene maculifascia, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 10.

Descr. Ind. Lep. Atk. i, p. 36, (1872).

Darjiling.

712. ÆMENE SINUATA.

Emene sinuata, Moore, Proc. Zool. Soc. Lond. 1878, p. 34, pl. 3, fig. 11.

Descr. Ind. Lep. Atk. i, p. 36, (1879).

Cherrapunji.

713. ÆMENE SORDIDA.

**Emene sordida, Butler, Trans. Ent. Soc. Lond. 1877, p. 372.

**Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 4, (1882).

S. India, Ceylon.

714. ÆMENE SUBCINERRA.

Emene subcinerea, Moore, Proc. Zool. Soc. Lond. 1878, p. 34. Collection Swinhoe, Simla. Allied to E. taprobanis.

715. ÆMENE TAPROBANIS.

Emene taprobanis, Walker, Cat. Lep. Het. B. M. ii, p. 542, (1854); and
vii, p. 1683, (1856).
Butler, Trans. Ent. Soc. Lond. 1877, p. 372.
Moore, Lep. Cevl. ii, p. 64, pl. 104, fig. 2, (1882).
Swinhoe, Proc. Zool, Soc. Lond. (1885), p. 293.
Panassa cingalesa, Walker, Cat. Lep. Het. B. M. xxxii, p. 607 (1965)
Autoceras grammophora, Felder, Reise Nov. Lep., pl. 106, fig. 24, (1864-75).
Collection Swinhoe, Cevlon, Belgaum, Poona, Bombay

716. ÆMENE TENEBROSA.

Collection Swinhoe, Mhow, Poona.

Also recorded from Bombay.

Allied to A. sordida.

Genus Setinochroa.

717. SETINOCHROA AURANTIACA.

Setinochroa aurantiaca, Moore, Proc. Zool. Soc. Lond. 1878, p. 35, pl. 3, fig. 12.

Khasi Hills.

Allied to S. infumata.

718. SETINOCHROA INFUMATA.

Setinochrou infumata, Felder, Reise Novara, pl. 106, fig. 16, (1864-75). Himalayas.

719. SETINOCHROA PALLIDA.

Setinochroa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.

Collection Swinhoe, Simla.

Also recorded from Manpuri.

720. SETINOCHROA POSTICA.

Sctinochroa postica, Moore, Proc. Zool. Soc. Lond. 1878, p. 36, Dharmsala.

Genus Paidia.

721. PAIDIA MARGINATA.

Nuduria marginata, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864). Paidia marginata, Butler, Trans. Ent. Soc. Lond. 1877, p. 371. S. India.

Genus Nudaria.

722. NUDARIA FASCIATA.

Nudaria fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.

Darjiling.

Allied to N. margaritacea.

723. NUDARIA FLOCCOSA.

Nudaria floccosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 370.

S. India.

724. Nudaria margaritacea.

Nudaria margaritacea, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).

Butler, Trans. Ent. Soc. Lond. 1878, p. 370.

Collection Swinhoe, Sikkim.

725. NUDARIA MARGARITARIA.

Nudaria margaritaria, Walker, Cat. Lep Het. B. M. xxxi, p. 275, (1864). *
Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Sikkim.

726. NUDARIA SOLITA.

Setina solita, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).

Moore, Lep. Ceyl. ii, p. 64, pl. 103, fig. 8, (1882).

Nudaria solita, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.

Ceylon.

727. NUDARIA SUBCERVINA.

Nudaria subcervina, Walker, Cat. Lep. Het. xxxi, p. 274, (1864).

Moore, Proc. Zool. Soc. Lond, 1867, p. 678.
India.

Genus Nola.

728. Nola cingalesa.

Nola cingalesa, Moore, Lep. Ceyl. ii, p. 66, pl. 104, fig. 1, (1882). Ceylon.

Genus Castabala.

729. CASTABALA ROSEATA.

Genus Callimorpha.

730. CALLIMORPHA VENUS.

Callimorpha venus. Prittwitz, Stett. Ent. Zeit. 1867, p. 274; and 1868, p. 185.

Genus Chionmana.

731. CHIONÆMA CANDIDA.

Chionæma candida, Felder, Reise Novara, pl. 106, fig. 17, (1864-75).

I. M., Kulu.

Also recorded from the Himalayas.

Genus Adrepsa.

732. ADREPSA STILBIOIDES.

Adrepsa stilbioides, Moore, Descr. Ind. Lep. Atk. i, p. 38, pl. 2, fig. 20, Assam.

Genus Pentacitrotus.

733. PENTACITROTUS VULNERATUS.

Pentacitrotus vulneratus, Butler, Ill. Typ. Lep. Het. B. M. v, p. 35, pl. 86, fig. 5, (1881).

Darjiling.

Genus Clina.

734. CLINA LAPIDARIA.

Clina lapidaria, Walker, Cat. Lep. Het. B. M. xxxi, p. 257, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 359.

S. India.

Genus Garudinia.

736. GARUDINIA LATANA.

Tospitis latana, Walker, Cat. Lep. Het. B. M. xxviii, p. 427, (1863). Garudinia latana, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. (1882). I. M., Ceylon (Colombo Museum).

Genus Deiopeia.

737. DEIOPEIA CRUENTATA.

Deiopeia cruentata, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86, fig. 10, (1881).

N. India, Mauritius.

738. DEIOPEIA LOTRIX.

Phalæna lotrix, Cramer, Pap. Erot. ii, pl. 109, fig. E, (1777).

Deiopeia lotrix, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

loc. cit. 1886, p. 436.

I. M., Nicobar Is. (deNiceville). Collection Swinhoe, Sind, Mhow, Poona, Nicobars, Aden.

739. DEIOPEIA PULCHELLA.

Tiñea pulchella, Linn., Syst. Nat. 1, 2, 884, 349, (1767).

Noctua pulchera, Esper, Schmett. iv, 570, pl. 164, figs. 3-5, (1777).*

Bombyx pulchella, Fabr., Sp. Ins. ii, 203, 142, (1781).

Bombyx pulchera, Hübn., Bomb. 128, 1, pl. 26, fig. 113.*

Utetheisa pulchella, Hübn., Verz. Bek. Schmett. 168, 1733, (1816).

Moore, Lep. Ceyl. ii, p. 67, pl. 104, fig. 5, (1882).

Deiopeia pulchella, Walker, Cat. Lep. Het. B. M. ii, p. 566, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 361.

Thugwell, Ent. xi, p. 186, (1878).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

 M., N. Khasi Hills (purchased), Sibsagar (Peal), Calcutta, Sikkim (Barnes), Mussooree, Kulu (purchased), Madras (purchased), Darbhanga, Chitral (Giles), Persia.

Collection Swinhoe, Nicobars, Punjab, Sikkim, Kulu, Andamans, Ceylon, Mhow, Karachi, Bombay.

Also recorded from Europe, Africa, Australia and the E. Indian Islands.

740. DEIOPEIA THYTER.

Deionei	a thyter, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
	Proc. Zool. Soc. Lond. 1881, p. 614.
	Swinhoe, Pros. Zool. Soc. Lond 1884, p. 515.
	Trans. Ent. Soc. Lond. 1885, p. 347.
	Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886)
Collect	ion Swinhoe, Kandahar, Quetta, Karachi.
	corded from Burma and Turkey.

Genus Argina.

741. ARGINA ARGUS.

Euprepia argus, Kollar, Kaschmir, Von. Hügel, iv, p. 467, pl. 21, fig. 3,
(1848).
Deiopeia argus, Walker, Cat. Lep. Het. B. M. ii, p. 571, (1854); and
vii, p. 1686, (1856).
Argina argus, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 309, pl. 14, figs. 3, 3a.
(1859).
Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 1 a, b, c, (1882).
I. M., Sikkim (Barnes), Khasi Hills, Buxa (Moti Ram).
Collection Swinhoe, Simla, Darjiling, Buxa, Bhotan.
Also recorded from Nepal, Calcutta, S. India, and Ceylon.

742. ARGINA ASTREA.

Phalana (Noctua) astrea, Drury, Ill. ii, p. 11, pl. 6, fig. 3, (1773).
Argina astrea, Moore, Lep. Mus. E. I. C. ii, p. 308, pl. 14, figs. 2, 2a, (1859).
Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
Deiopeia astrea, Walker, Cat. Lep. Het. B. M. ii, p. 570, (1854).
Collection Swinhoe, Simla, Mhow, Belgaum, Bombay, Maha-
bleshwar, Andaman Is.
Also recorded from Ceylon and Hongkong.

743. A

rgina Cribraria.	
Phalæna cribraria, Clerck, Icon. Ins. ii, pl. 54, fig. 4, (1759-64).*	
Phalæna (Geometra) cribraria, Cramer, Pap. Exot. iii, pl. 208, fig. (1779).	
Argina cribraria, Aurivillius, Kongl. Sv. Vet. Akad. Handl. xix, 5, p. (1882).	181,
Moore, Lep. Ceyl ii, p. 68, pl. 106, figs. 1, 1α, (1882 Butler, Proc. Zool. Soc. Lond. 1883, p. 156.	2).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.	
I. M., Calcutta, Sylhet, Sikkim (purchased), Goalpara, D. (Thomas), Ratnagiri (Hatch), Mergui (Anderson), Arman Is. (De Roepstorff), Ceylon (Colombo Museum), N bar Is. (deNiceville).	ıda-
Collection Swinhoe, Andamans, Mirzapore, and Mhow.	
Also recorded from China, Rodriguez, and Mauritius.	

744. ARGINA DUICIS.

Deiopeia dulcis, Walker, Cat. Lep. Het. B. M. ii, p. 569, (1854).

Phalena cribraria, var. 2 Cramer, Pap. Exot. iii, pl. 288, fig. D, (1780).

Argina dulcis, Butler, Trans. Ent. Soc. Lond. 1877, p. 364.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Poona, Bombay, Satara, Belgaum.

745. ARGINA GUTTATA.

Xanthestes guttata, Rambur, Faune de l'Andalousie, ii, p. 229, (1866).*

Phalæna cribraria, 7, Cramer (nec Clerck), Pap. Exct. iii, pl. 208, fig. C, (1779).

Argina guttata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay.

Also recorded from Nepal, Ceylon, and Mauritius.

746. ARGINA NOTATA.

Argina notata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Mhow, Bombay, Belganm, Nilgiris.

747. ARGINA PARDALINA.

Deiopeia pardalina, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864). Argina pardalina, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Moulmein, Cambodia.

748. ARGINA PYLOTIS.

Bombyr pylotis, Fabr., Syst. Ent., p. 585, (1775).

Hypocrita pylotis, Hübn., Samml. Exot. Schmett. i, pl. 189, figs. 1-4.*

Argina pylotes, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Collection Swinhoe, N. India (from British Museum).

Also recorded from Ceylon.

749. Argina syringa.

Phalæna syringa, Cramer, Pap. Exot. i, pl. v, fig. C, (1775).

Bombyx crotalariæ, Fabr., Ent. Syst. iii, i, p. 473, 204, (1793).

Argina crotalariæ, Hübn., Verz. Bek. Schmett. p. 167, 1730, (1816).

Deiopeia syringa, Walker, Cat. Lep. Het. B. M. ii, p. 572, (1854).

Argina syringa, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.

Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 2, 2a, 2b, 2c, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Mahableshwar, Belgaum, Ceylon.

Also recorded from Australia.

Genus Tatargyna.

750. TATARGYNA PICTA.

Deiopeia picta, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864). Tatargyna picta, Butler, Trans. Ent. Soc. Loud. 1877, p. 366. Meulmein, S. China.

FAMILY ARCTIIDÆ.

Genus Arctia.

751. ARCTIA ORIENTALIS.

<u>Arctia orientalis, Moore, Ann. Mag. N. H. (5), i, p. 230, (1878).</u>

2nd Yarkand Mission Lep., p. 7, (1879).

I. M., Yarkand, Type, (2nd Mission).

Collection Swinhoe, Kashmir.

Also recorded from Allahabad.

752. ARCTIA PARVULA.

Arctia parvula, Felder, Reise Novara Lep., pl. 100, fig. 24, (1864-75). Himalayas.

753. ARCTIA SUTTADRA.

Arctia suttadra, Moore, Proc. Zool. Soc. Lond. 1879, p. 395. Collection Swinhoe, Kulu. Also recorded from Kashmir.

754. ARCTIA THIBETICA.

Arctia thibelica, Felder, Reise Novara Lep., pl. 101, fig. 12, (1864-75). Ladak.

Genus Gonerda.

755. GONERDA PERORNATA.

Gonerda perornata, Moore, Proc. Zool. Soc. Lond. 1879, p. 395, pl. 32, fig. 2. Kashmir.

Genus Spilosoma.

756. Spilosoma fusifrons.

Spilosoma fusifrons, Walker, Cat. Lep. Het. B. M. xxxi, p. 295, (1864). S. India.

757. SPILOSOMA MONA.

Spilosoma mona, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295, pl. 20, figs. 3-4. Collection Swinhoe, Mahableshwar.

758. SPILOSOMA PUNCTATA.

Spilosoma punctata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 355, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

Sikkim, Jaya.

759. SPILOSOMA RUBESCENS.

Spilosoma rubescens, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855). Arctia rubescens, Butler, Cist. Ent. ii, p. 21, (1875). Borneo, E. Indies.

. 760. Spilosoma sanguinalis.

Spilosoma sanguinalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

I. M., Shillong.

Also recorded from Darjiling.

Genus Phissama.

761. Phissama albistriga.

Aloa albistriga, Walker, Cat. Lep. Het. B. M. xxxi, p. 303, (1864). Phissama albistriga, Butler, Cist. Ent. ii, p. 36, (1875). S. India.

762. Phissama transiens.

Spilosoma transiens, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).

Alva isabellina, Walker, loc. cit., p. 705, (1855).

Phissama transiens, Walker, loc. cit. xxxi, p. 298, (1864).

Butler, Cist. Ent. ii, p. 36, (1875).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M. Sibsagari (Peal), Calcutta (hyad in Museum), K.

I. M., Sibsagari (Peal), Calcutta (bred in Museum), Kulu (purchased). Sikkim (De Niceville).

Collection Swinhoe, Belgaum, Buxar.

Also recorded from Sylhet, Moulmein, Celebes, Sarawak.

763. Phissama vacillans.

Amphissa vacillans, Walker, Cat. Lep. Het. B. M. iii, p. 685 (1855); also vii, p. 1786, (1856).

Aloa vacillans, Walker, loc. cit., vii, 1702, (1856). Phissama vacillans, Walker, loc. cit. xxxi, p. 298, (1864).

I. M., Kulu (purchased), Sibsagar (Peal), Calcutta (bred in the Museum).

Collection Swinhoe, Simla.

Also recorded from Hongkong and the Philippine Is.

Genus Rhodogastria.

764. RHODOGASTRIA ASTRÆA.

Sphinx astreus, Drury, Ins. ii, pl. 28, fig. 4, (1773).

Phalana melanthus, Cramer, Pap. Exot. iii, pl. 286, fig. B. (1780),

Rhodogastria melanthus, Hühn., Verz. Bek. Schmett, p. 172, (1816),

Amerila melanthus, Walker, Cat. Lep. Het. B. M. iii, p. 727, (1855),

Amerila astraa, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Rhodogastria astraa, Moore, Lep. Ceyl. ii, p. 76, pl. 108, figs. 1, 1a, (1882).

I. M., Cachar (Wood-Mason).

1. M., Cachar (Wood-Mason)
Also recorded from Ceylon.

765. RHODOGASTRIA FRATERNA.

Rhodogastra (sic) fraterna, Moore, Trans. Ent. Soc. Lond. 1884, p. 35c.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay, Poona.

766. RHODOGASTRIA RHODOPA.

Amerila rhodopa, Walker, Cat. Lep. Het. B. M. xxxi, p. 305, (1864).

I. M., Sikkim (purchased), Naga Hills.

Collection Swinhoe; India.

Also recorded from S. India.

Genus Carcinopyga.

767. CARCINOPYGA LICHENIGERA.

Carcinopyga lichenigera, Felder, Reise Novara Lep., pl. 101, fig. 3, (1864-75). Ladak.

Genus Thyrgorina.

768. THYRGORINA MULTIVITTATA.

Spilosoma multivittata, Moore, Proc. Zool. Soc. Lond. .865, p. 8-8.
Walker, Cat. Lep. Het. B. M. xxxv, p. 19:6, (1866).

Collection Swinhoe, Simla, Darjiling.

769. THYRGORINA RHODOPHILA.

Spilosoma rhodophila, Walker, Cat. Lep. Het. B. M. xxxi. p. 294, (1864); also xxxv; p. 1906, (1866).

Spilosoma rubidorsa, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.

Spilaretia rhodophila, Butler, Cist. Ent. ii, p. 40, (1875).

Icambosida rhodophila, Butler, Ill. Typ Lep. Het. v, p. 29, pl. 85, fig. 4, (1881).

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Darjiling.

770. THYRGORINA SPILOSOMATA.

Thyrgorina spilosomata, Walker, Cat. Lep. Het. B. M. xxxi, p. 318, (1864). S. India.

Genus Buccea.

771. BUCKEA SIMPLEX.

Savara simplex, Walker, Cat. Lep. Het. B. M. xxxi, p. 320, (1864). Bucwa simplex, Walker, loc. cit. xxxv, p. 1983, (1866).

Collection Swinhoe, India.

Genus Hyphantria.

772. Hyphantria unifascia.

Andala unifascia, Wulker, Cat. Lep. Het. B. M. iii, p. 774, (1855).

I. M., Kulu (purchased).

Collection Swinhoe, Simla, Kulu.

Part II.

Genus Tinolius.

'773. TINOLIUS EBURNEIGUTTA.

Tinolius eburneigutta, Walker, Cat. Lep. Het. B. M. jij, p. 621, (1855).

Moore, Lep. Ceyl. iii, p. 185, pl. 171, figs. 10, 10a, (1885).

Tinoleus (sic) churneigutta, Moore, Proc. Zool. Soc. Lond. 1878, p. 851.

I. M., (?) Sikkim.

Collection Swinhoe, Ceylon.

Also recorded from (?) Sylhet, Malabar Coast, Tenasserim.

Genus Pharetra.

774. PHARETRA CONSANGUIS.

Acronycta consanguis, Butler, Ann. Mag. N. H. (5), iv, p. 358, (1879). Pharetra consanguis, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Kasauli.

Also recorded from Japan.

Genus Pangora.

775. PANGORA DISTORTA.

Panyora distorta, Moore, Descr. Ind. Lep. Atk. i, p. 42, pl. ii, fig. 14, (1879). Mussooree, Siihla.

776. PANGORA EROSA.

Aloa erosa, Walker, Cat. Lep. Het. B. M. iii, p. 708, (1855). Pangora erosa, Moore, Lep. Ceyl. ii, p. 72, pl. 107, figs. 1, 1a, 1b, (1882). Ceylon.

777. PANGORA MATHERANA.

Pangora matherana, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

Waterhouse, Aid. ii, pl. 131, fig. 6, (1883).*

Collection Swinhoe, Bombay.

Genus Alope.

778. ALOPE CLAVATUS.

Alope clavatus, Swinhoe, Proc. Zool. Soc. Lond. 1985, p. 295. Collection Swinhoe, Bombay, Mahableshwar. Also recorded from Poona.

779. ALOPE MOPSA.

Noctua mopsa, Drury, Ins. iii, p. 4, pl. 3, fig. 3, (1782). Callimorpha mopsa, Westw.. Ed. Drury, iii, p. 4, pl. 3, fig. 3, (1837). Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855). Madras.

780. ALOPE RICINI.

Bombyx ricini. Fabr., Syst. Ent., p. 583, (1775).

Ent. Syst. iii, 1, p. 473, (1793).

Alope ocellifera, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

ALOPE RICINI, -continued.

I. M., Calcutta (Jackson), Sikkim (purchased), Sibsagar (Peal), Cachar (Wood-Mason).

Collection Swinhoe, Simla, Mhow, Bombay, Poona, Ahmednaggar, Satara, Ceylon.

Also recorded from Kanara, Sylhet.

781. ALOPE SANGARIDA.

Phalana sangarida, Cramer, Pap. Exot. iv, pl. 381, fig. D, (1781). Alope sangarida, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855). Ceylon.

Genus Phragmatobia.

782. PHRAGMATOBIA EXCLAMATIONIS.

Enprepia exclamationis, Kollar, Kaschmir, Von Hügel, iv, p. 469, (1848). Phragmatobia exclamationis, Walker, Cat. Lep. Het, B. M. iii, p. 631, Himalayas.

783. PHRAGMATOBIA MONTANA.

Arctia montana, Guer., Voy. Deless. Hist. Nat., p. 92, pl. 26, fig. 3, (1843). Phragmatobia montana, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855). Nilgiri Hills.

Genus Glanyous.

784. GLANYOUS INSOLITUS.

785. GLANYOUS TRICOLOR.

Glanycus tricolor, Moore, Descr. Ind. Lep. Atk. i, p. 38. (1879).

Waterhouse, Aid. ii, pl. 131, fig. 1, (1883).*

I. M., Sikkim (Dreyer).

Genus Creatonotes.

786. CREATONOTOS CONTINUATUS.

Creatonotus continuatus, Moore, Ann. Mag. N. H. 4, xx, p. 344, (1877).

Lep. Ceyl. ii, p. 73, pl. 108, fig. 4, (1882).

Ceylon.

787. CREATONOTOS INTERRUPTA.

I. M., Cherra, Calcutta, Cachar, Sibsagar (Peal), Nepal. Collection Swinhoe, Burma, Ceylon, Karachi, Hydrabad, Mhow, Bombay, Ahmednagar.

Also recorded from Coromandel, Penang.

788. CREATONOTOS RUBRICOSTA.

Creatonotus (sic) rubricosta, Moore, Proc. Zool. Soc. Loud. 1872, p. 573. Aloa rubricosta, Butler, Cist. Ent. ii, p. 24, (1875).

Manipuri, Bombay.

Genus Rajendra.

789. RAJENDRA BIGUTTATA.

Aloa biguttata. Walker, Cat. Lep. Het. B. M. iii, p. 707, (1855).

Rajendra biguttata, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

Swinboe, Proc. Zool. Soc. Lond. 1885, p. 296,

I.M., Sikkim.

Collection Swinhoe, Nilgiri Hills, Belgaum, Bombay, Khandalla. Also recorded from Kanara.

790. RAJENDRA IRREGULARIS.

Rojendra irregularis, Moore, Lep. Ceyl. ii, p. 72, pl. 107, fig. 2, (1882). Ceylon.

791. RAJENDRA KHANDALLA.

Aloa khandalla, Moore, Cat. Lep. Mus. E. I. C. ii, p. 361, pl. 9a, fig. 13, (1859).

Rajendra khandalla, Swinboe, Proc. Zool. Lond. 1885, p. 296.

Collection Swinhoe, Bombay.

Also recorded from Kanara and Khandalla.

792. RAJENDRA LATIVITTA.

Spilosoma lativitta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilarctia lativitta, Butler, Cist. Ent. ii, p. 40, (1875).

Rajendra lativitta, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

Descr. Ind. Lep. Atk. i, p. 43, (1879).

Darjiling, Parisnath. Allied to R. biquttata.

793. RAJENDRA NIGRICANS.

Aloa nigricans, Moore, Proc. Zool. Soc. Lond. 1872, p. 572. Rajendra nigricans, Moore, loc. cit. 1879, p. 396. Bombay, Decean.

794. RAJENDRA PANNOSA.

Rajendra pannosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 397, pl. 32, fig. 8. N.-W. Himalayas. I. M., Kulu (Young).

795. RAJENDRA SIPAHI.

Aloa sipahi, Moore, Proc. Zool. Soc. Lond. 1872, p. 573. Rajendra sipahi, Moore, loc. cit. 1879, p. 396.

Bombay, Madras.

796. RAJENDRA TRIPARTITA.

Aloa tripartita, Walker, Cat. Lep. Het. B. M. iii, p. 706, (1855).

Rajendra tripartita, Butler, Ill. Typ. Lep. Het. c, p. 35, pl. 86, fig. 4, (1881).

I. M., Sibsagar (Peal).

Collection Swinhoe, Rangoon.

797. RAJENDRA VITTATA.

Rajendra vittata, Moore, Proc. Zool. Soc. Lond. 1879, p. 396, pl. 32, fig. 12. Lower Burma.

Genus Hypercompa.

798. HYPERCOMPA ARGUS.

Hypercompa argus, Walker, Trans. Ent. Soc. Lond. (3) i, p. 73, (1862-64).

Cat. Lep. Het. B. M. xxxi, p. 285, (1864).

799. HYPERCOMPA EQUITALIS.

Euprepia equitalis, Kollar, Kaschmir, Von Hügel, p. 465, 2, pl. 20, fig. 3, (1848).

Hypercompa equitalis, Walker, Cat. Lep. Het. B. M. iii, p. 654, (.855).

I. M., Sikkim (Barnes).

Collection Swinhoe, Simla, Sikkim, Khasi Hills. Also recorded from Mussooree, Nepal.

800. HYPERCOMPA FLAVICOLOR.

Hypercompa flavicolor, Moore, Proc. Zool. Soc. Lond. 1879, p. 397. Simla.

801. HYPERCOMPA IMPLETA.

Hypercompa impleta, Walker, Cat. Lep. Het. B. M. xxxi, p. 286, (1864).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

India.

802. HYPERCOMPA LEOPARDINA.

Euprepia leopardina, Kollar, Kaschmir, Von Hügel, iv, p. 467, pl. 21, fig. 2, (1848).

Hypercompa leopardina, Walker, Cat. Lep. Het. B. M. iii, p. 656, (1855).

Himalayas.

803. HYPERCOMPA LONGIPENNIS.

Hypercompa longipennis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

804. Hypercompa nyctemerata.

Hypercompa nyctemerata, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879). Collection Swinhoe, Darjiling. Allied to II. equitalis.

805. HYPERCOMPA PLAGIATA.

Hypercompa plagiata, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855),

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Butler, Ill. Typ. Lep. Het. v, p. 28, pl. 85, fig. 1,

(1881).

I. M., Khasi Hills, Buxa (Moti Ram), Sibsagar, Yunan, Cherra-Punji, Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim, Sylhet.

806. HYPERCOMPA PRINCIPALIS.

Euprepia principalis, Kollar, Kaschmir, Von Hügel, iv, p. 465, pl. 20, fig. 2, (1848).

Hypercompa principalis, Walker, Cat. Lep. Het. B. M. iii, p. 653, (1855). Mussoorce.

I. M., Kulu (purchased), Yarkand (2nd Mission), Collection Swinhoe, Pegu, Kulu.

807. HYPERCOMPA REGALIS.

Hypercompa regalis, Moore, Proc. Zool. Soc. Lond. 1872, p. 575, pl. 33, fig. 7.

Collection Swinboe, North Kanara. Also recorded from North India.

808. HYPERCOMPA SIMILIS,

Hypercompa similis, Moore, Proc. Zool. Soc. Loud. 1879, p. 397.

N.-W. Himalayas.

Allied to II. equitalis.

Genus Euchætes.

809. Euchætes sikkimensis.

Euchates sikkimensis, Moore, Deser. Lop. Ind. Atk. i, p. 39, pl. 2, fig. 12, (1879).

Sikkim.

Genus Areas.

810. AREAS IMPERIALIS.

Euprepia imperialis, Kollar, Kaschmir, Von Hügel, iv, p. 466, pl. 21, fig. 1, (1848).

Hypercompa imperialis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Areas imperialis, Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Mussooree.

811. AREAS MELANOPSIS.

Arctia melanopsis, Walker, Cat. Lep. Het. B. M. xxxi, p. 280, (1864).

Aloa callisoma, Felder, Reise Novara Lep. iv. pl. 101, fig. 4, (1864-75).

Areas melanopsis, Butler, Cist. Ent. ii, p. 22, (1875).

Moore, Lep. Ceyl. ii, p. 75, pl. 108, fig. 2, (1882).

Ceylon.

812. AREAS ORIENTALIS.

Areas orientalis, Walker, Cat. Lep. Het. B. M. iii, p. 658, (1855).
Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kurseong (Wood-Masson), Sikkim (purchased), Khasi Hills (purchased), Kulu (purchased), Shillong.

Collection Swinhoe, Simla.

Also recorded from Sylhet, Sarawak, and Java.

Genus Aloa.

813. ALOA CANDIDULA,

Aloa candidula, Walker, Cat. Lep. Het. B. M. iii, p. 704, (1855).

Butler, Cist. Ent. ii, p. 24, (1875).

Ceylon, Nepal.

Allied to A. punctistriga.

814. Aloa comma.

Aloa comma, Walker, Cat. Lep. Het. B. M. vii, p. 1703, (1856). . India.

815. ALOA DIMINUTA.

816. ALOA EMITTENS.

Creatonotos emittens, Walker, Cat. Lep. Het. B. M. iii, p. 638. (1855).

Creatonotus emittens, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).

Lep. Ceyl. ii, p. 74, pl. 108, figs. 3, 3a, 82).

Aloa candidula, var. Walker, loc. cit., p. 704, (1855).

Aloa emittens, Butler, Cist. Ent. ii, p. 24, (1875).

Proc. Zool. Soc. Lond. 1881, p. 614.

ALOA EMITTENS, -continued.

Aloa emittens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Calcutta (bred in Museum), Sibsagar (Peal). Collection Swinhoe, Mhow, Bombay, Belgaum, Poona, Satara. Also recorded from Ceylon and Kauara.

817. ALOA FLORA.

Aloa flora, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296, pl. 20, fig. 5. Collection Swinhoe, Bombay.

818. ALOA LACTINEA.

I. M., Sibsagar (Peal), Kulu (purchased). Sikkim (Atkinson), Khasi Hills, Shillong, Goalpara, Cachar (Wood-Mason), Raniganj, Chitral (Giles).

Collection Swinhoe, Simla, Mhow, Ceylon, Nilgiri Hills, Bombay, Poona.

Also recorded from Australia, Java, and China.

819. ALOA MARGINATA.

Aloa marginata, Moore, Proc. Zool. Soc. Loud. 1883, p. 15, pl. 5, fig. 1. Nepal.

820. ALOA MOOREL.

Areas moorei, Butler, Cist. Eut. ii, p. 23, (1875).

- Ill. Typ. Lep. Het. v. p. 28, pl. 85, fig. 2, (1881).

Aloa moorei, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Collection Swinhoe, Nilgiri Hills, Bombay.

Also recorded from Almora.

821. Aloa punctistriga.

Spilosoma punctistriga, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855).

Alou punctistriga, Butler, Cist. Ent. ii, p. 24, (1875).

-Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 6, (1882).

-Swinhoe, Proc. Zeol. Soc. Lond. 1885, p. 296.

Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Kulu (purchased).

Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

Genus Seirarctia.

822. Seirarctia quadriramosa.

Eurrepia quadriramosa, Kollar, Kaschmir, Von Hiigel, iv. p. 468. (1848). Spilosoma quadriramosa, Walker, Cat. Lep. Het. iii, p. 675, (1855); and vii p. 1694, (1856).

SEIRARCTIA QUADRIRAMOSA, -continued.

Scirarctia quadriramosa, Butler, Cist. Ent. ii, p. 26, (1875). Spilarctia quadriramosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., specimens with no history.

Collection Swinhoe, Simla, Kulu, Cherrapunji, Naga Hills, Satara.

Genus Alpenus.

823. ALPENUS BISERIATUS.

Alpenus biseriatus, Moore, Proc. Zool. Soc. Lond. 1877, p. 596. S. Andaman Is.

824. ALPENUS FLAVENS.

Alpenus flavens, Moore, Descr. Ind. Lep. Atk. 1, p. 39, (1879). Cherrapunji.

825. ALPENUS MULTIGUTTATUS.

Hypercompa muttiguttata, Walker, Cat. Lep. Het. B. M. iii, p. 657, (1855). Alpenus multiguttatus, Butler, Cist. Ent. ii, p. 34, (1875).

I. M., Nepal, Sikkim (purchased), Kulu (purchased). Collection Switchee, Simla, Sikkim, Kulu.

826. ALPENUS SPILOSOMOIDES.

Deiopeia spilosomoides, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).

Alpenus spilosomoides, Butler, Cist. Ent. ii, p. 34, (1875).

111. Typ. Lep. Het. v, p. 30, pl. 85, fig. 7, (1881).

N. India.

Allied to A. multiguttatus.

Genus Spilarctia.

827. SPILARCTIA ABDOMINALIS.

 Spilosoma abdominalis, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, (1859).

 Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

 Spilarctia abdominalis, Butler, Cist. Ent. ii, p. 42, (1875).

 Ill. Typ. Lep. Het. v, p. 31, pl. 95, fig. 9, (1881).

Collection Swinhoe, Simla.

\$28. SPILARCTIA BRUNNEA.

Spilosoma brunnea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574. Spilarctia brunnea, Butler, Cist. Ent. ii, p. 42, (1875). Bombay.

829. SPILABOTIA CASIGNETA.

Euprepia casigneta, Kollar, Kaschmir Von Hügel, iv. p. 469, (1884). Spilosoma casigneta, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855) Spilarctia casigneta, Butler, Cist. Ent. ii, p. 43, (1875).

I. M., Sibsagar (Peal).

Collection Swinhoe, Kasauli, Sikkim.

Also recorded from Mussooree.

830. SPILARCTIA CONFUSA.

Spilarctia confusa, Butler, Cist. Ent. ii, p. 42, (1875).

Ill. Typ. Lep. Het. v, p. 33, pl. 85, fig. 13, (1881).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Munipur.

Collection Swinhoe, Sikkim, Bombay.

831. SPILARCTIA DENTILINEA.

Spilosoma dentilinea, Moore, Proc. Zool. Soc. Lond. 1872, p. 573. Sikkim.

832. SPILARCTIA DISCINIGRA.

Spilosoma discinigra, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.

Walker, Cat. Lep. Het. B. M. xxxv. p. 1907, (1806).

Spilarctia discinigra, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

833. Spilarctia erykirozona.

Euprepia erythrozona, Kollar, Kaschmir Von Hügel, IV, p. 468, (1848). Spilosoma erythrozona, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855). Dionychopus erythrozona, Butler, Cist. Ent. ii, p. 32, (1875). Mussooree.

834. SPILARCTIA FLAVALIS.

Spilosoma flavalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilaretia flavalis, Butler, Cist. Ent. ii, p. 39, (1875).

Darjiling.

835. Spilarctia gopara.

836. SPILARCTIA HOWRA.

Spilarctia howra, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879). Calcutta.

837. SPILARCTIA INDICA.

Arctia indica, Guer., Voy. Deless. Hist. Nat. p. 93, (1843).
 Spilosoma indica, Walker, Cat. Lep. Het. B. M. iii, p. 674, (1855).
 Spilarctia indica, Butler, Cist. Ent. ii, p. 40, (1875).
 Nilgiri Hills.

838. SPILARCTIA JUCUNDA.

Spilarctia jucunda, Butler, Ill. Typ. Lep. Het. v, p. 32, pl. 85, fig. 11, (1881). Darjiling.

839. SPILARCTIA LACTEATA.

Spilarctia lacteata, Butler, Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 10, (1881).

Darjiling.

840. SPILARCTIA NYDIA.

Spilaretia nydia, Butler, Cist. Ent. ii, p. 41, (1875).

Ill. Typ. Lep. Het. v, p 32, pl. 85, fig. 12, (1881).

I. M., Sikkim (Atkinson).

Collection Swinhoe, Darjiling.

Also recorded from Nepal.

841. SPILARCTIA OBLIQUIVITTA.

Spilarctia obliquivitta, Moore, Descr. Ind. Lep. Atk. i, p. 40, pl. 2, fig. 26, (1879).

Darjiling.

842. SPILARCTIA RUBILINEA.

Spilosoma rubilinea, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilarctia rubilinea, Butler, Cist. Ent. ii, p. 44, (1875).

I. M., Shillong.

Collection Swinhoe, Sikkim.

843. SPILARCTIA RUBITINCTA.

Spilosoma rubitineta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809, Spilaretia rubitineta, Butler, Cist. Ent. ii, p. 43, (1875). Darjiling.

844. SPILARCTIA SORDIDA.

Spilosoma sordida, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).

Spilarctia sordida, Butler, Cist. Ent. ii, p. 42, (1874).

Darjiling.

845. SPHARCTIA STIGMATA.

Spilosoma stigmata, Moore, Proc. Zool. Soc. Lond. 1865, p. 869.

Spiloretia stigmata, Butler, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866)...

Darjiling.

I. M., a specimen with no history.

846. SPILARCTIA SUBFASCIA.

Spilosoma subfuscia, Walker, Cat. Lep. Het. B. M. iii, p. 678, (1855). Spilarctia subfascia, Butler, Cist. Ent. ii, p. 40, (1875).

Moore, Lep. Coyl. ii, p. 71, pl. 107, figs. 3, 3a, (1882).

I. M., Ceylon (Colombo Museum). Collection Swinhoe, Ceylon.

847. SPILARCTIA SUFFUSA.

Spilosoma suffasa, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Spilarctia suffusa, Butler, Cist. Ent. ii, p. 43, (1875).

Punjab.

848. SPILARCTIA TODARA.

Spilosoma todara, Moore, Proc. Zool. Soc. Lond. 1872, p. 574. Spilarctia todara, Butler, Cist. Ent. ii, p. 42, (1875).
Nilgiri Hills.

849. SPILARCTIA UNIFORMIS.

Spilarctia uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 39, (1879).

I. M., Sibsagar (Peal).

Also recorded from Calcutta.

Genus Rhyparia.

850. RHYPARIA TIGRINA.

Rhyparia tigrina, Moore, Proc. Zool, Soc. Lond. 1879, p. 398, pl. 32, fig. 4. S. India.

Genus Cycnia.

851. CYCNIA RUBIDA.

Cycnia rubida, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864). Ceylon.

852. CYCNIA SPARSIGUTTA.

Cycnia sparsigutta, Walker, Cat. Lep. Het. xxxi, p. 206, (1864).

Moore, Lep. Ceyl. ii, p. 77, (1882).

I. M., Ceylon (Colombo Museum).

858. CYCNIA TRANSVERSA.

Cycnia transversa, Moore, Proc. Zool. Soc. Lond. 1879, p. 398. N.-W. India.

Genus Challa.

854. CHALLA BIMACULATA.

Challa bimaculata, Moore, Proc. Zool. Soc. Lond. 1879, p. 398. N.-W., Himalayas.

S55. CHALLA DISCALIS.

Challa discalis, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 7. N.-W. Himalayas.

Genus Nyaca.

856. NYACA ABDOMINALIS.

Alphea abdominalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 682. I. M., Sikkim (purchased).

857. NYAGA DIVISA.

Arctia divisa, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).

Ardices divisa, Butler, Cist. Ent. ii, p. 28, (1875).

Nyava divisa, Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 85, fig. 2, (1881).

I. M., N. Khasi Hills.

Also recorded from the Himalayas.

858. NYACA FLORESCENS.

Nyaca florescens, Moore, Descr. Ind. Lep. Atk. i, p. 43, pl. 2, fig. 13, (1879).

Butler, Ill. Typ. Lep. Het. v, p. 34, pl. 86, fig. 3, (1881).

I. M., Khasi Hills.

Also recorded from Darjiling.

859. NYACA FULVOHIRTA.

I. M., Sikkim. Collection Swinhoe, Darjiling.

860. NYACA IMBUTA.

Arctia imbuta, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Pericallia imbuta, Butler, Cist. Ent. ii, p. 29, note, (1875).

Nayaca (sic) imbuta, Moore, Descr. Ind. Lep. Atk. i, p. 43, (1879).

Eutler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 1, (1881).

Collection Swinhoe, Simla, Sikkim.

Genus Ardices.

361. ARDICES VARIA.

Alphaa varia, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864). Ardices varia, Butler, Cist. Ent. ii, p. 29, (1875). Mussooree.

Genus Icambosida.

862. ICAMBOSIDA NIGRIFRONS.

Icambosida nigrifrons, Walker, Cat. Lep. Het. B. M. xxxii, p. 401, (1865);
also xxxv, p. 1918, (1866).
——Butler, Cist. Ent. ii, p. 29, (1875).
——Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 3, (1881).

Collection Swinhoe, Darjiling.

863. ICAMBOSIDA PUNCTILINEA.

Icambosida punctilinea, Moore, Deser. Ind. Lep. Atk. i, p. 40, (1879). Darjiling.

Genus Carbisa.

864. CARBISA VENOSA.

Carbisa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 41, pl. 2, fig. 10, (1879). Darjiling.

Genus Microsemyra.

865. MICROSEMYRA PALLIDA.

Microsemyra pallida, Butler, Proc. Zool. Soc. Lond. 1883, p. 155. Collection Swiuhoe, Mhow.

FAMILY LIPARIDÆ.

Genus Perina.

866. PERINA BIPARS.

Perina bipars, Walker, Cat. Lep. Het. B. M. xxxii, p. 406, (1865). India.

867. PERINA NUDA.

Bombyx nuda, Fabr., Mant. Ins. ii, p. 117, (1787).

Euproctis antica, var., Walker, Cat. Lep. Het. B. M. iv, p. 835, (1855).

Stilpnotia subtincta, Walker, loc. cit., p. 843, (1855).

Perina basalis, Walker, loc. cit., p. 966, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, fig. 4, (1859).

Proc. Zool. Soc. Lond. 1878, p. 848.

Proc. Zool. Soc. Lond. 1885, p. 298.

Proc. Zool. Soc. Lond. 1886, p. 437.

Euproctis combinata, Walker, loc. cit. xxxii, p. 347, (1865).

Perina nuda, Moore, Lep. Ceyl. ii, p. 94, pl. 114, figs. 1, 1a, 1b, (1882).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402, pl. 14, figs. 7, 7a, 7b, and pl. 15, figs. 6a—d.

1. M., Calentta (de Niceville), Cachar (Wood-Mason). Collection Swinhoe, Belgaum, Mhow, Poona, Bombay. 'Also recorded from Ceylon, Nepal, and Hongkong.

Genus Gynæphora.

868. GYNEPHORA OCULARIS.

Orygia ocularis, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879). Calcutta.

869. GYMEPHORA SOCRUS.

870. GYNÆPHORA XERAMPELINA.

Gynæphora xerampelina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 21, figs. S, 9. Collection Swinhoe, Poona.

Genus Ropena.

871. REPENA CERVINA.

Repena cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855). E. Indies.

Genus Orgyia.

872. Oroyia albifascia.

Orgyia albifascia, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).

Moore, Journ. As. Soc. Beng. liii, 2, p. 235, (1884).

Darjiling.

873. ORGYIA BICOLOR.

Orgyia bicolor, Walker, Cat. Lep. Het. B. M. iv, p. 787, (1855). E. Indies.

874. Orgyia crylonica.

Orgyia ceylonica, Nietner, Obs. Enemies of Coffee in Ceylon p. 19, (1861).*

Moore, Lep. Ceyl. ii, p. 78, (1882).

Ceylon.

875. ORGYIA POSTICA.

Lucida postica, Walker, Cat. Lep. Het. B. M. iv. p. 803, (1855).

Orygia (sic) postica, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Lep. Coyl. ii, p. 78, pl. 109, figs. 1, 1a, 1b, (1882).

E. Indies.

876. ORGYIA SIMPLEX.

Orgyia simplex, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865). S. India.

877. ORGYIA SUBFASCIA.

Orgyia subfascia, Moore, Proc. Zool. Soc. Lond. 1865, p. 803.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1912. (1866).

Darjiling.

878. Orgyia viridescens.

Acyphas viridescens, Walker, Cat. Lep. Het. B. M. iv. p. 798, (1855). Orgyia viridescens, Moore, Lep. Ceyl. ii, p. 79, (1882). Ceylon,

Genus Charnidas.

879. CHARNIDAS CINNAMOMEA.

Charnidas cinnamomea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879). Pangi, Upper Kunawar, N.-W. Himalayas. Allied to C. litura.

880. CHARNIDAS LITURA.

Charnidas litura, Walker, Cat. Lep. Het. B. M. iv, p. 797, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Nepal.

881. CHARNIDAS OCHRACEA.

Charnidas ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879). Calcutta.

582. CHARNIDAS PLANA.

Orgyia plana, Walker, Cat. Lep. Het. B. M. iv, p. 786, (1855). Charnidas junctifera, Walker, loc. cit. xxxii, p. 334, (1865). Charnidas plana, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 1, 1a, (1882).

Collection Swinhoe, Ceylon.

Also recorded from N. India.

883. CHARNIDAS BOTUNDATA.

Lacida rotundata, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).

Cycnia rubida, Walker, loc. cit. xxxi, p. 297, (1864).

Lymantria disjuncta, Walker, loc. cit. xxxii, p. 366, (1865).

Charnidas rotundata, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 4, 4a, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.

Collection Swinhoe, Poona, Ceylon.

884. CHARNIDAS SUBNOTATA.

Lacida subnotata, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855). Charnidas subnotata, Moore, Lep. Ceyl, ii, p. 83, (1882).

Ceylon.

885. CHARNIDAS TESTACEA.

Cycnia testacea, Walker, Cat. Lep. Het. B. M. iii, p. 683, (1855).
Charnidas testacea, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 299.

Proc. Zool. Soc. Lond. 1886, p. 437.

Collection Swinhoe, Mhow, Bombay, Sind.

Genus Lælioides.

886. LELIOIDES FASCIATA.

Latinides fusciata, Moore, Lep. Ceyl. ii, p. 84, pl. 110, fig. 6, (1882). Ceylon.

887. LELIOIDES LACTEA.

Lalioides lactea, Moore, Trans. Ent. Soc. Lond. 1884, p. 358. Punjab.

888. Lælioides Rubripennis.

Ladioides rubripennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 358. Burma.

Genus Lælia.

889. LÆLIA ANGULIPERA.

Provodeca (sie) angulifera, Walker, Cat. Lep. Het. B. M. iv, p. 919, (1855). Rivine suffusa, Walker, Ioc. cit., p. 824, (1855). Lalia angulifera, Moore, Lep. Ceyl. ii, p. 83, pl. 110, figs. 5, 5a, (1882).

I. M., Sibsagar (Peal).

Also recorded from Java and Ceylon.

890. LELIA LILACINA.

Lælia lilacina, Moore, Trans. Ent. Soc. Lond. 1884, p. 357. Coonoor.

891. LÆLIA PALLIDA.

Lælia pallida, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
Swinhee, Proc. Zool. Soc. Lond. 1885, p. 299

Collection Swinhoe, Bombay, Karachi.

Allied to L. angulifera.

Part II.

892. LÆLIA VENOSA.

Lalia venosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

S. Andaman Is.

Genus Genusa.

893. GENUSA BIOUTTA.

Genusa bigutta, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Calcutta.

894. GENUSA CIRCUMDATA.

Genusa circumdata, Walker, Cat. Lep. Het. B. M. iv, p. 819, (1855). Lalia circumdata, Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 7, (1881).

Collection Swinhoe, Simla, Darjiling.

895. GENUSA COMPARATA.

Genusa compagata, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Darjiling, Cherrapunji. Allied to G. circumdata.

896. GENUSA DELINEATA.

Genusa delineata, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Lælia delineata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 50, pl. 89, fig. 8, (1881).

I. M., Yunan, Buxa (Moti Ram), Shillong, Darjiling (purchased), Naga Hills, Sibsagar, Cherrapunji, Khasi Hills. Collection Swinhoe, Buxar, Bhootan, Sikkim. Also recorded from Sylhet.

Allied to G. circumdata.

897. GENUSA DISCIFERA.

Genusa discifera, Walker, Char. Undescr. Lep. Het., p. 14, (1869). Bengal.

Allied to G. circumdata.

898. GENUSA TERMINATA.

Genusa terminuta, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1864). India.

Genus Deroca.

899. DEROCA HYALINA.

Deroca hyalina, Walker, Cat. Lop. Het. B. M. iv, p. 823, (1855).
 Himalayas.

M., Kulu (purchased).
 Collection Swinkoe, Simla.

900. DEROCA MACULATA.

Deroca maculata, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.

I. M., Simla.

Also recorded from Mussooree.

Genus Themaca.

901. THEMACA COMPARATA.

Themaca comparata, Walker, Cat. Lep. Het. B. M. xxxii, p. 395, (1865). N. India.

Genus Artaxa.

902. ARTAXA APICALIS.

Arna apicalis, Walker, Cat. Lep. Het. B. M. vii, p. 1177, (1856).

Artaxa apicalis, Moore, Lep. Ceyl. ii, p. 85, pl. 111, figs. 4, 4a, 4b, (1882).

Ceylon.

903. ARTANA ATOMARIA.

Artaxa atomaria, Walker, Cat. Lep. Het. B. M. iv, p. 796, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 2, (1881).

N. India, Moulmein.

904. ARTAXA BASALIS.

Artaxa basalis, Moore, Descr. Ind. Lep. Atk. i, p. 51, pl. 2, fig. 16, (1879). Darjiling.

905. ARTAXA BREVIVITTA.

Artava brevivitta, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 10.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona.

Also recorded from Bengal.

Allied to A. howra.

906. ARTAXA CERVINA.

Artaxa cervina, Moore, Ann. Mag. Nat. Hist. (4), xx, p. 345, (1877).

Lep. Ceyl. ii, p. 86, pl. 112, fig. 3, (1882).

Ceylon.

Allied to A. varians.

907. ARTAKA CITRINA.

Artaxa citrina, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877).

Lep. Ceyl. ii, p. S5, pl. 112, figs. 2, 2a, (1882).

Ceylon.

908. ARTAXA DIGRAMMA.

Bombyx digramma, Boisd., Icon. R. Anim. Ins., p. 508, pl. 86, fig. 4, (1829—38).*

Artaxa guttata, Walker, Cat. Lep. Het. B. M. iv, p. 795, (1855).

Artaxa digramma, Moore, Cat. Lep. Mus. E. I. C. ii, p. 350, pl. 16, figs. 5, 5a, (1859).

Walker. loc. cit. xxxii, p. 329, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Lep. Ceyl. ii, p. 85, pl. 112, figs. 1, 1a, (1882).

Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Sylhet, Nepal, Calcutta, Kanara, Burma, Ceylon, China, Java.

909, ARTAXA DISPERSA.

Artaxa dispersa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 6, (1879). Darjiling.
Allied to A. subfasciata.

910. ARTAXA ERECTS.

Artaxa erecta, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 6. Kanara.

911. ARTAXA FRATERNA.

Artura fraterna, Moore, Lep. Ceyl. ii, p. 85, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, Ceylon.

912. ARTAXA HOWRA.

Artaxa howra, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Calcutta.

Allied to A. citrina.

913. ARTAXA INCONCISA.

Artaxa inconcisa, Walker, Cat. Lep. Het. B. M. xyxii, p. 332, (1865).

1. M., Sikkim (Atkinson). Collection Swinhoe, Darjiling.

914. ARTAXA JUSTICIÆ.

Artaxa justiciæ, Moore, Cat. Lep. Mus. E. I. C. ii, p. 352, pl. 16, figs. 6, 6a, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 330, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.
Allied to A. alomaria.

915. ARTAXA LIMBATA.

Artaxa limbata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 3, (1851).

I. M., Kulu (Purchased), Andaman Is. (purchased). Collection Swinhoe, Simla.

Also recorded from Sikkim.

916. ARTAXA PRINCEPS.

Artaxa princeps, Walker, Cat. Lep. Het. B. M. xxxii, p. 331, (1865). N. India.

917. ARTAXA PUSILLA.

Artaxa pusilla, Moore, Lep. Ceyl. ii, p. 86, pl. 112, fig. 4, (1882).

Euproctis pygmea, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).

Butler, Proc. Zool. Soc. Lond. 1883, p. 156 note.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

I. M., Andaman Is. (purchased), Calcutta. Collection Swinhoe, Karachi, Hubb River. Also recorded from Ceylon.

918. ARTAXA SUBFASCIATA.

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Calcutta. Collection Swinhoe, Cachar.
Also recorded from Sikkim.

919. ARTAXA TRIFASCIATA.

Artaxa, trifasciata, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879). Cherrapunji.
Allied to A. subfasciata.

920. ARTAXA UNIMACULA.

Artara unimacula, Moore, Proc. Zool. Soc. Loud. 1879, p. 399. Khasi Hills. Allied to A. digramma.

921. ARTAXA VARIANS.

Artaxa varians, Walker, Cat. Lep. Het. B. M. iii, p. 796, (1855).

Moore, Proc. Zool. Soc. Lond. 1878, p. 848.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Calcutta, Buxa (Moti Ram), Mergui (Anderson). Collection Swinhoe, Poona, Bombay.

Also recorded from the Punjab, Tenasserim, China, and S. Africa.

922. ARTAXA VENOSA.

Artaxa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 5, (1879). Darjiling.

Genus Somona.

923. SOMENA IRRORATA.

Somena irrorata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, fig. 2, (1882). Ceylon.

924. Somena scintillans.

Collection Swinhoe, Poona, Bombay, and Ceylon.

925. Somena subnotata.

Orrasca subnotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 502, (1865). Somena subnotata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, figs. 1, 1a, 1b, (1882). Gomena (sie) subnotata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

Collection Swinhoe, Karachi. Also recorded from Ceylon.

Genus Cispia.

926. CISPIA PUNCTIPASCIA.

Cispia punctifascia, Walker, Cat. Lep. Het. B. M. iv, p. 857, (1855),

Butler, Ill. Typ. Lep. Het. v, p. 53, pl. 90, fig. 4, (1881)

Moore, Lep. Ceyl. ii, p. 91, pl. 113, fig. 3, (1882).

M., Buxa (Moti Ram).
 Collection Swinhoe, Darjiling.
 Also recorded from Sylhet.

927. CISPIA SEMISIGNATA.

Cispia semisignata, Walker, Cat. Lep. Het. B. M. xxxii, p. 356, (1865). S. India.

928, CISPIA VENOSA.

* Cispia verosa, Walker, Trans. Ent. Soc. Lond. (3), i, p. 264, (1862-64).

Cat. Lep. Het. B. M. xxxii, p. 356, (1865).

I. M., Sikkim (Atkinson).

Genue Porthesia.

929. PORTHESIA MARGINALIS.

Euproctis marginalis, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).

Porthesia marginalis, Butler, Ill. Typ. Lep, Het. v, p. 51, pl. 89, fig. 12, (1881).

Swiuhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Mergui (Anderson).

Collection Swinhoe, Mhow, Punjab, Poona, Bombay.

930. PORTHESIA SUBDITA.

Euproctis subdita, Moore, Proc. Zool. Soc. Lond. 1879, p. 400.

Porthesia subdita, Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 5, 5a (1882).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

Allied to P. auriflua of Europe.

931. PORTHESIA SUBNIGRA.

Euproctis subnigra, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).

I. M., Sibsagar (Peal), Kula (purchased). Collection Swinhoe, Simla, Sikkim, Sibsagar. Recorded from Cherrapunji and the Jawai Hills.

932. Porthesia virguncula.

Euproctis virguncula, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1866).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, figs. 3, 3a, (1859).

Snellen, Tijd. Ent. Hague xx, p. 14, pl. 1. fig. 7, (1877).

Punjab, Deccan, Ceylon, Java.

Genus Euproctis.

933. EUPROCTIS ANTICA.

Euproctis antica, Walker, Cat. Lep. Het. B. M, iv, p. 835, (1855). Nepal, Hongkong.

934. Euproctis atomaria.

Euproctis atomaria, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

Snellen, Tijd. Ent. Hague xx, p. 11, pl. 1, fig. 4, (1877).

I. M., Mergui (Anderson).

Recorded from N. India and Java.

935. Euproctis bigutta.

Euproctis bigutta, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, (1859).

Lep. Ceyl. ii, p. 90, pl. 112, fig. 6a, (1882).

Kanara, Ceylon, Java.

936. Euproctis bimaculata.

Euproctis bimaculata, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).

Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 6, 6b, (1882).

I. M., (?) Audaman Is. (purchased).

Also recorded from Ceylon.

937. EUPROCTIS DISCINOTA.

Euproctis discinota, Moore, Proc. Zool. Soc. Lond. 1877, p. 601. Andaman Is.

938. Euproctis divisa.

Euproctis divisa, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855). Nepal, Punjab, Sylhet.

939. EUPROCTIS FLAVONIGRA.

Euproctis fiavonigra, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32. fig. 11.
Nepal.

940. EUPROCTIS GAMMA.

Euproctis gamma, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

Sikkim.

941. EUPROCTIS ICILIA.

Phalæna icilia, Stoll., Cram. Pap. Exot. v, p. 158, pl. 35, fig. 5, (1790). Bombyx arenasea, Linn., Syst. Nat. i, 2, 828, 65.*

Phalæna (Bombyx) arenacea, Drury, Ins. i, p. 33, pl. 18, fig. 1, (1770). Nygmia arenacea, Hübn, Verz. Bek. Schmett., p. 193, (1816). Limacodes arenacea, Westw., Ed. Drury i, p. 32, pl. 18, fig. 1, (1837).*

Euproctis icilia, Walker, Cat. Lep. Het. B. M. vii, p. 1730, (1856). Tranquebar.

942. Euproctis immaculata.

Euproctis immaculata, Moore, Trans. Ent. Soc. Lond. 1884, p. 358. Java, Sikkim.

913. EUPROCTIS KARGALICA.

I. M., Yarkand Type (2nd Mission).

944. EUPROCTIS LACTEA.

Emproctis lactea, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878). 1. M., Yarkand Type (2nd Mission).

945. EUPROCTIS LATIFASCIA.

Leucoma latifascia, Walker, Cat. Lep. Het. B. iv, p. 831, (1855). Euproctis latifascia, Butler, Ill. Typ. Lep. Het. B. M. v, p. 51, pl. 89, fig. 11, (1881).

Euproctis melanophila, Walker, loc. cit. xxxii, p. 349, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Also recorded from Nepal.

946. EUPROCTIS LUNATA.

Euproctis lunata, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855); and vii, p. 1731, (1856).

— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 16, fig. 2, (1859).

— Proc. Zool. Soc. Lond. 1867, p. 680.

— Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 9, (1881).

— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 400, pl. 14, figs. 5-5c.

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

— loc. cit., 1886, p. 437.

I. M., Delhi.

Collection Swinhoe, Jullundur, Mhow, Poona.

Also recorded from Calcutta.

947. EUPROCTIS LUTESCENS.

Euproctis lutescens, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 10, (1881).

Moore, Lep. Ceyl. ii, p. 90, pl. 113, fig. 1, (1882).

N. India, Ceylon.

1. M., a specimen with no history.

948. Euproctis madana.

Euproctis madana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 345, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

949. EUPROCTIS METAMELANA.

Euproctis metamelana, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Cherrapunji.

Allied to E. melanophila.

950. EUPROCTIS POSTICA.

Euproctis postica, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Bombay, Also recorded from Poons.

2951. Euproctis postincisa.

Euproctis postincisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 5.
N.-E. Bengal.

952. Euproctis bana.

Euproctis rana, Moore, Proc. Zool. Soc. Lond. 1805, p. 806.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1915, (1866).

Sylhet.

953. Euproctis semivitta.

Euproctis semivitta, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 25. (1879).

Khasi Hills.

954. Euproctis tinctifera.

Euproctis tinctifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).

Moore, Lep. Ceyl. ii, p. 90, (1882).

Ceylon.

955. EUPROCTIS VARIEGATA.

Euproctis variegata, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 24, (1879).

Darjiling.

956. EUPROCTIS VILIS.

Euproctis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865). S. India.

957. EUPROCTIS VITELLINA.

Liparis vitellina, Kollar, Kaschmir Von Hugel, iv, p. 471, (1848).

Euproctis vitellina, Walker, Cat. Lep. Het. B. M. iv, p. 838, (1855).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Kulu (purchased), Simla.

Collection Swinhoe, Simla, Satara.

Also recorded from Satara.

958. EUPROCTIS XANTHORRHÆA.

Liparis xanthorrhea, Kollar, Kaschmir Von Hügel, p. 470, (1848). Euproctis xanthorrhea, Walker, Cat. Lep. Het B. M. iv, p. 838, (1855). Mussooree, Kashmir.

Genus Pida.

959. PIDA ALBODENTATA.

Pida albodentata, Moore, Proc. Zool. Soc. Lond. 1879, p. 401. N.-W. Himalayas.

960. PIDA APICALIS.

Pida apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 400, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 15, (1881).

I. M., Sikkim (purchased). Collection Swinhoe, Darjiling.

961. PIDA LATIVITTA.

Pida lativitta, Moore, Descr. Ind. Lep. Atk. i. p. 49, pl. 2, fig. 18, (1879). Darjiling.

Genus Numenes.

962. NUMENES PARTITA.

Numenes partita, Walker, Cat. Lep. Het. B. M. xxxi, p. 290, (1864). Darjiling.

963. NUMENES PATRANA.

Numenes patrana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 367, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 289, (1864).

Collection Swinhoe, Sikkim.

Also recorded from Bhotan.

964. NUMENES SILETTI.

Numenes siletti, Walker, Cat. Lep. Het. B. M. iii, p. 663, (1855).

I. M., Tavoy (Moti Ram), Cachar (Wood-Mason), Sikkim (purchased), N. Khasi Hills, Sibsagar. Collection Swinhoe, Sylhet.

Also recorded from Java.

Genus Chærotricha.

965. Chærotricha bipartita.

Charotricha bipartita, Moore, Descr. Ind. Lep. Atk. i, p. 49, pl. 2, fig. 4, (1879).

Darjiling.

966. CHEROTRICHA DECUSSATA.

Cherotricha decussata, Moore, Ann, Mag. N. H. (4), xx, p. 345, (1877).

Lep. Coyl. ii, p. 91, pl. 113, figs. 2, 2u, 2b; (1882).

Euproctis decussata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.

Collection Swinhoe, Nilgiri Hills, Poona, Bombay. Also recorded from Ceylon.

Allied to C. plana.

, 967. CHÆROTRICHA IMMACULATA.

Charotricha immaculata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 14, (1881).

Darjiling.

968. CHEROTRICHA LEITHIANA.

Artaxa leithiano, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 9.

I. M., a specimen with no locality (Anderson).

Collection Swinhoe, Poona, Bombay, Belgaum.

Also recorded from Kanara.

969. CHÆROTRICHA MARGINATA.

Charotricha marginata, Moore, Descr. Ind. Lep. Atk, i, p. 49, (1879). Darjiling.
Allied to C. plagiata.

970. CHÆROTRICHA PLAGIATA.

Cispia plagiata, Walker, Cat. Lep. Het. B. M. iv, p. 858, (1855). Nepal.

971. CHÆROTRICHA PLANA.

Euproctis plana, Walker, Cat. Lep. Het. vii, p. 1731, (1856). Charotricha plana, Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 13,(1881). Collection Swinhoe, Beugal. Also recorded from Darjiling.

972. CHEROTRICHA QUADRANGULARIS.

Charotricha quadrangularis, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 23, (1879).

Manipur, E. Bengal.

973. CHÆROTRICHA UNIFORMIS.

Charotricha uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879). Darjiling.

Allied to C. plagiata.

974. CHÆROTRICHA VARIA.

Collection Swinhoe, Simla, Sikkim.

Genus Dasychira.

975. DASYCHIRA ALBESCENS.

Dasychira albescens, Moore, Descr. Ind. Lep. Atk. i, p. 59, pl. 3, fig. 2.

(1879).

Dariling.

Allied to D. cinctata.

976. DASYCHIRA BHANA.

Dasychira bhana, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Collection Swinhoe, Darjiling.

Alijed to D. tenebrosa.

977. DASYCHIRA BRUNNESCENS.

Dasychira brunnescens, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879). Darjiling.

978. DASYCHIRA CINCTATA.

Dasychira cinetata, Moore, Deser. Ind. Lep. Atk. i, p. 59, (1879). Darjiling.

979. DASYCHIRA CONVERGENS.

Dasychira convergens, Walker, Cat. Lep. Het. B. M, iv, p. 868, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

950. DASYCHIRA FASCIATA.

Dasychira fasciata, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879). Darjiling.

981. DASYCHIRA FLAVIMACULA.

Dasychira flavimacula, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Darjiling.

932. DASYCHIRA GROTEI.

Dasychira grotei, Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. xv, figs. 1,
1a, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

India, Penang.

983. DASYCHIRA KAUSALIA.

Dasychira kausalia, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

Collection Swinhoe, Simla.

Also recorded from Kasauli.

Allied to D. horsfieldi and D. strigata.

984. Dasychira maruta.

Dasychira maruta, Moore, Cat. Lep. Mus. E. I. C. ii, p. 339, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Butler, Ill. Typ. Lep. Het. B. M. v, p. 58, pl. 91, fig. 6, (1881).

Darjiling.

985. DASYCHIRA MCERENS.

Dasychira marens, Felder, Reise Novara Lep., pl. 99, fig. 4, (1864-75). Ceylon.

986. DASYCHIRA NIGRITULA.

Dasychira nigritula, Walker, Cat. Lep. Het. B. M. xxxii, p. 360, (1865). N. India.

987. DASYCHIRA NIVEOSPARSA.

Dasychira nivecsparsa, Butler, Ill. Typ. Lep. Het. B. M. v, p. 50, pl. 91, fig. 7, (1881).

Darjiling.

988. DASYCHIRA PERDIX.

Dasychira perdix, Moore, Descr. Ind. Lep. Atk. i, p. 58, pl. 3, fig. 3, (1879). Darjiling.

989. DASYCHIRA STRIGATA.

Dasychira strigata, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879). Garhwal, Simla. Allied to D. kausalia.

990. DASYCHIRA TENEBROSA.

Dasychira tenebrosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 361, (1865); and xxxv, p. 1916, (1866).

Darjiling.

991. DASYCHIRA THWAITESIL.

Dasychira thwaitesii, Moore, Lep. Ceyl. ii, p. 98, pl. 116, figs. 1, 1a, 1b, (1882).

Collection Swinhoe, Ceylon.

992. DASYCHIRA VARIA.,

Dasychira varia, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855). E. Indies.

Genus Gazalina.

993. GAZALINA APSARA.

Dasychira apsara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).

Gazalina apsara, Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

N. India.

994. GAZALINA CHRYSOLOPHA.

Liparis chrysolopha, Köllar, Kaschmir Von Hügel, iv, p. 470, (1848). Dasychira antica, Walker, Cat. Lep. Het. B. M. iv, p. 367, (1855). Oligoclona chordigera, Felder, Reise Novara Lep., pl. 94, fig. 10, (1864-75). Guzalina antica, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 4, (1881). I. M., Darjiling, Kulu. Collection Swinhoe, Sikkim. Also recorded from Almora.

995. GAZALINA TRANSVERSA.

Gazalina transversa, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 22, (1879).

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996. GAZALINA VENOSATA.

Gazalina venosata, Walker, Cat. Lep. Het. B. M. xxxii, p. 398, (1865).

Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 5, (1881).

Oligoelona nervosa, Felder, Reise Novara Lep., pl. 95, fig. 8, (1864-75).

I. M., Darjiling.

Collection Swinhoe, Sikkim.

Also recorded from Barrackpore.

Genus Mardara.

997. MARDARA CALLIGRAMMA.

Mardara calligramma, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865), also xxxv, p. 1918, (1866).

I. M., Sikkim (purchased).

Collection Swinhoe, Simla, Darjiling.

998. MARDARA COMPLICATA.

Dasychira complicata, Walker, Cat. Lep. Het. B. M. xxxii, p. 362, (1865). Trisula pustulifera, Walker, loc. cit., p. 576, (1865). Mardara complicata, Butler, Ill. Typ. Lep. Het. v, p. 58, pl. 91, figs. 4-5, (1881).

I. M., Darjiling. Collection Swinhoe, Darjiling. Also recorded from Barrackpore.

Genus Lymantria.

999. Lymantria albolunulata.

Lymantria albolunulata, Moore, Proc. Zool. Soc. Lond. 1879, p. 403. Collection Swinhoe, Simla.
Also recorded from Dharmsala.

1000. LYMANTRIA ARYAMA.

Lymantria aryama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).

Proc. Zool. Soc. Lond. 1867, p. 681.

Kanara.

1001. LYMANTRIA ASOETRIA.

Lymantria asoetria, Hübn., Samml. Exot. Schmett., 2, figs. (1-4).*

Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).

Moore, Journ. As. Soc. Beng., vol. lv, pt. 2, p. 98, (1886).

I. M., Tavoy (Moti Ram). Also recorded from Java.

1002. LYMANTRIA BASINIGRA.

Lymantria basinigra, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).
Balasore.

1003. LYMANTRIA BEATRIX.

Bombyx beatrix, Stoll., Cram. Suppl. Pap. Exot. v, p. 173, pl. 40, fig. 2, (1790).

Lymantria beatrix, Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Lymantria marginata, Walker, Cat. Lep. Het. B. M. iv. p. 877, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 12, (1881).

Batavia, Sylhet. Collection Swinhoe, Dharmsala.

1004. LYMANTRIA CARA.

Lymantria cara, Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 13, (1881).

I. M., Sikkim (purchased), Sibsagar (Peal). Also recorded from Bhotan and Borneo.

1005. LYMANTRIA CONCOLOR.

Lymantria concolor, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 55, pl. 90, figs.
8, 9, (1881).

Sikkim.

1006. Lymantria costalis.

Lymantria costalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865). S. India.

1007. LYMANTRIA FULIGINOSA.

Lymantria fuliginosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Collection Swinhoe, Bombay, Khandalla.

1008. LYMANTRIA GRANDIS.

Lymantria grandis, Walker, Cat. Lep. Het. B. M. iv, p. 874, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, figs. 1-2, (1881).

Moore, Lep. Ceyl., ii, p. 99, (1882). Lumantria maculosa, Walker, loc. cit., iv, p. 881, (1855).

Lymantria metarhoda, Walker, loc. cit., xxxii, p. 365, (1865).

I. M., Darjiling (Barnes), Buxa (Moti Ram).

Collection Swinhoe, Darjiling, Simla.

Also recorded from Ceylon and Australia.

1009. LYMANTRIA GRISEA.

Lymantria grisea, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 5, (1879).

Darjiling.

1010. LYMANTRIA LUNATA.

Phalæna lunata, Cramer, Pap. Exot. iv, pl. 369, fig. C, (1781).

Porthetria lunatu, Hübn., Verz. Bek, Schmett, p. 160. (1816).

Lymantria lunata, (Part), Walker, Cat. Lep. Het. B., M. iv, p. 879, (1855).

Semper, Verh., Zool. Botan. Ges. Wien. xvii, p. 701, (1867).

Collection Swinhoe, Simla.

Also recorded from Amboina and Hongkong.

1011. LYMANTRIA MICANS.

Lymantria micans, Felder, Reise Novara Lep., pl. 99, fig. 2, (1864-75). Sylhet.

Allied to L. superans and L. concolor.

1012. LYMANTRIA MUNDA.

Lymantria munda, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 343. (1859).

Proc. Zool. Soc. Lond. 1867, p. 681.

Imaus mundus, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

I. M., Darjiling (purchased), Buxa (Moti Ram).

Collection Swinhoe, Sylhet.

Also recorded from Cherrapunji and Java.

1013. LYMANTRIA OBFUSCATA.

Lymantria obfuscata, Walker, Cat. Lep. Het. B. M. xxxii, p. 367, (1865). Collection Swinhoe, Kulu, Simla.

1014. LYMANTRIA OBSOLETA.

Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855) Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859)
Lep. Ceyl. ii, p. 100, (1882) Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.
Proc. Zool. Soc. Lond. 1886, p. 438.

Part II.

1000. LYMANTRIA ARYAMA.

Lymantria aryama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).

Proc. Zool. Soc. Loud. 1867, p. 681.

Kanara.

1001. Lymantria asoetria.

Lymantria asoetria, Hübn., Samml. Exot. Schmett., 2, figs. (1-4).*

Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).

Moore, Journ. As. Soc. Beng., vol. lv, pt. 2, p. 98, (1886).

I. M., Tavoy (Moti Ram). Also recorded from Java.

1002. LYMANTRIA BASINIGRA.

Lymantria basinigra, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Balasore.

1003. Lymantria Beatrix.

Bombyx beatrix, Stell., Cram. Suppl. Pap. Exot. v, p. 173, pl. 40, fig. 2, (1790).

Lymantria heatrix, Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Lymantria marginata, Walker, Cat. Lep. Het. B. M. iv, p. 877, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 12, (1881).

Batavia, Sylhet. Collection Swinhoe, Dharmsala.

1004. LYMANTRIA CARA.

Lymantria cara, Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 13, (1881).

I. M., Sikkim (purchased), Sibsagar (Peal), Also recorded from Bhotan and Borneo.

1005. Lymantria concolor.

Lymantria concolor, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 55, pl. 90, figs.

8, 9, (1881).

Sikkim.

1006. Lymantria costalis.

Lymantria costalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865). S. India.

1007. LYMANTRIA FULIGINOSA.

Lymantria fuliginesa, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Collection Swinhoe, Bombay, Khandalla.

1008. LYMANTRIA GRANDIS.

Lymantria grandis, Walker, Cat. Lep. Het. B. M. iv, p. 874, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, figs. 1-2, (1881).

______ Moore, Lep. Ceyl., ii, p. 99. (1882).
Lymantria maculosa, Walker, loc. cit., iv, p. 881, (1855).
Lymantria metarhoda, Walker, loc. cit., xxxii, p. 365, (1865).

1. M., Darjiling (Barnes), Buxa (Moti Ram), Collection Swinhoe, Darjiling, Simla.

Also recorded from Ceylon and Australia.

1009. LYMANTRIA GRISEA.

Lymantria grisea, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 5, (1879).

Darjiling.

1010. LYMANTRIA LUNATA.

Phalana lunata, Cramer, Pap. Exot. iv, pl. 369, fig. C, (1781).

Porthetria lunata, Hübn., Verz. Bek. Schmett, p. 160, (1816).

Lymantria lunata, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 879, (1855).

Semper, Verh., Zool. Botan. Ges. Wien. xvii, p. 701, (1867).

Collection Swinhoe, Simla.

Also recorded from Amboina and Hongkong.

1011. LYMANTRIA MICANS.

Lymantria micans, Felder, Reise Novara Lep., pl. 99, fig. 2, (1864-75). Sylhet.

Allied to L. superans and L. concolor.

1012. LYMANTRIA MUNDA.

1013. LYMANTRIA OBFUSCATA.

Lymantria obfuscata, Walker, Cat. Lep. Het. B. M. xxxii, p. 367, (1865). Collection Swinhoe, Kulu, Simla.

1014. LYMANTRIA OBSOLETA.

Lymantria obsoleta,	Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).
	Moore, Cat. Lep. Mus E. I. C. ii. p. 343, (1859)
	Lep. Ceyl. ii, p. 100, (1882).
	Swinhoe, Proc. Zool. Sec. Lond. 1885, p. 300.
	Proc. Zool. Soc. Lond. 1886, p. 438

Part II.

LYMANTRIA OBSCLETA, -continued.

Lymantria lunata, var. B, Walker, loc. cit. 879, (1855). Lymantria bhascara, Moore, Oat. Lep. Mus. E. I. C. ii, p. 345, (1859).

I. M. Cachar (Wood-Mason).

Collection Swinhoe, Nilgiri Hills, Mhow, Bombay, Poona, Matheran.

Also recorded from Sikkim, Ceylon, and Hongkong.

1015. LYMANTRIA PUSILLA.

Lymantria pusilla, Felder, Reise Novara Lep., pl. 99, fig. 3, (1864-75). Bengal.

1016. LYMANTRIA RHODINA.

Lymantria rhodina, Walker, Cat. Lep. Het. B. M. xxxii, p. 366, (1865). India.

1017. LYMANTRIA SIMILIS.

Lymantria similis, Moore, Proc. Zool. Soc. Lond. 1879, p. 402. Calcutta.
Allied to L. superans.

1018. LYMANTRIA SOBRINA.

Lymantria sobrina, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 5.

I. M., Calcutta.

Collection Swinhoe, India.

Also recorded from Dharmsala. Allied to L. superans.

1019. LYMANTRIA SUPERANS.

Lymantria superans, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 55, pl. 90, figs. 10
& 11, (1881).

I. M., Khasi Hills (purchased), Shillong, Kulu (purchased), Almorah (purchased), Cherrapunji.
Collection Swinhoe, Simla, Sikkim.

1020. LYMANTRIA TODARA.

Lymantria todara, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 6. Nilgiri Hills.

1021. LYMANTRIA VINACEA.

Lymantria vinacea, Moore, Proc. Zool. Soc. Lond. Kanara.

Genus Pegella.

1022. PRGELLA BIVITTATA.

Pegella bivittata, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Lymantria lineata, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).

Darilling.

1023. PEGELLA LINEATA.

Lymantria lineata, Part, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Pegella lineata, Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, fig. 3, (1881).

I. M., Naga Hills, Dunsiri, N. Khasi Hills.

Collection Swinhoe, Buxar.

Also recorded from Sylhet.

Genus Porthetria.

1024. PORTHETRIA BROTEA.

Phalana brotea, Cramer, Pap. Exot. iv, pl. 322, fig. E. (1780). Porthetria brotea, Hübn., Verz. Bek. Schmett, p. 130, (1816). Lymantria brotea, Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855). Coromandel, Amboina.

1025. PORTHETRIA LEPCHA.

Porthetria lepcha, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879). Darjiling.

1026. PORTHETRIA MATHURA.

Lymantria mathura, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Porthetria mathura, Moore, Descr. Ind. Lep. Atk. i, p. 55, Note (1879).

Collection Swinhoe, Sylhet.

Also recorded from Darjiling.

1027. PORTHETRIA UMBRINA.

Porthetria umbrina, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 4, (1879).

Darjiling.

Genus Enome.

1028. ENOME AMPLA.

Enome ampla,	Walker, Cat. I	Lep. Het. 1	B. M. iv, r	. 883, (1855)		
	-Moore, Cat. I					l,
	xv	, figs. 7, 7	a, 8, 8a, (1859).		
		Zool. Soc. 1			,	
	Lep. C	eyl. ii, p. 7	79, pl. 109	, tigs. 2, 2 <i>a</i> , 2	26, (1882)	
	-Swinhoe, Proc	. Zool. So	c. Lond. 1	885, p. 300.		
7 15				-		

1. M., Yunan, Ceylon (Colombo Museum). Collection Swinhoe, Sikkim, Poona.

1029. Enome detersa.

Lymantria detersa, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865). Enome detersa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300, pl. 21, figs. 3, 4.

Proc. Zool. Soc., Lond. 1886, p. 438.

Pachenome detersa, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.

Collection Swinhoe, Mhow, Sattara, Belgaum, Poona. Also recorded from (?) Mauritius,

1030. ENOME INCERTA.

Lymantria incerta, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).

Pseudomesa incerta, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402.

Enome incerta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Satara, Mhow.

Genus Pseudomesa.

1031. PSEUDOMESA QUADRIPLAGIATA.

Pseudomesarjuadriplagiata, Walker, Cat. Lep. Het. B. M. iv, p. 923, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 6, (1881).

Sylhet.

I. M., Buxa (Moti Ram).

Genus Aroa.

1032. AROA CLARA.

Aroa clara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, figs. 9, 10. Collection, Swinhoe, Bombay.

Allied to A. pyrrhochroma.

1033. Aroa Pyrrhochroma.

Aroa pyrrhochroma, Walker, Cat. Lep. Het. B. M. xxxii, p. 329, (1865).
 I. M., Buxar (Moti Ram), Sibsagar (Peal), Sikkim (purchased).
 Collection Swinhoe, Sikkim, Buxa, Mandi.
 Also recorded from Cherrapunji.

1034. AROA SAGRARA.

Aroa sugrara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, fig. 13. Belgaum.

Genus Olene.

1035. OLENE BASIVITTA.

Rilia basivitta, Walker, Cat. Lep. Het. B. M. xxxii, p. 436, (1865).
Olene basivitta, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 2, (1882).
Ceylon.

1036. OLENE FUSIFORMIS.

Nioda fusiformis, Walker, Cat. Lep. Het. B. M. v, p. 1070, (1855).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 401, pl. 15, figs. 5-5f.

Olene fusiformis, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 3, (1882).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 297, pl. 20, fig. 8.

Loc. cit. 1886, p. 438.

Collection Swinhoe, Simla, Cawnpore, Mhow, Karachi, Poona, Bombay.

Also recorded from Ceylon.

1037. OLENE MENDOSA.

1038. OLENE OLEARIA.

Olene olearia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297, pl. 20, figs. 14-15.
Collection Swinhoe, Poona.

Genus Antipha.

1039. ANTIPHA ANTICA.

Lacida antica, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).

Anaxila notata, Walker, loc. cit., p. 919, (1855).

Antipha antica, Moore, Lep. Ceyl ii, p. 80, pl. 110, fig. 3, (1882).

Ceylon.

1040. ANTIPHA BASALIS.

Antipha basalis, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855). E. Indies.

1041. ANTIPHA COSTALIS.

Antipha costalis, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).

Moore, Lep. Ceyl. ii, p. 81, pl. 110, figs. 2, 2a, 2b, (1882).

Lacida complens, Walker, loc. cit., xxxii, p. 836, (1865).

Rilia illepida, Walker, loc. cit., p. 436, (1865).

Ceylon.

1042. ANTIPHA PROMITTENS.

Lacida promittens, Walker, Cat. Lep. Het. B. M. xxxii, p. 337, (1865). Antipha promittens, Moore, Lep. Ceyl. ii, p. 81, (1882). Ceylon.

1043. Antipha strigulifera.

Lacida strigulifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 336, (1865). Antipha strigulifera, Moore, Lep. Ceyl. ii, p. 81, (1882). Ceylon.

Genus Cnethocampa.

1044. CNETHOCAMPA BASIFURCA.

Cnethocampa basifurca, Walker, Cat. Lep. Het. B. M. xxxii, p. 430, (1865). S. India.

1045. CNETHOCAMPA CHEELA.

Thaumatopga cheela, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, figs. 3, 3a.

Collection Swinboe, Simla. Also recorded from Umballa.

1046. CNETHOCAMPA CURVATA.

Cnethocampa curvata, Walker, Cat. Lep. Het. B. M. xxxii, p. 429, (1865). India.

Genus Nagunda.

1047. NAGUNDA SEMICINCTA.

Alope semicincta, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

Nagunda semicincta, Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 7, (1881).

I. M. Sikkim (purchased). Collection Swinhoe; Simla.

Genus Redoa.

1048. REDOA CLARA.

Redoa clara, Walker, Cat. Lep. Het. B. M. xxxii, p. 343, (1865). Collection, Swinhoe, Sikkim.

1049. REDOA CYGNA.

Redoa cygna, Moore, Proc. Zool. Soc. Lond. 1879, p. 401. N.-E. Bengal.

1050. REDOA CYMBICORNIS.

Redoa cymbicornis, Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 2, (1881).

Darjiling.

1051. REDOA DIAPHANA.

Redoa diaphana, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879). Darjiling.
Allied to R. lactea.

1052. REDOA FLAVESCENS.

Redoa flavescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 600. S. Andaman Is.

1053. REDOA LACTEA.

Redoa lactea, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879). Collection Swinhoe, Darjiling.

1054. REDOA SERICEA.

Redoa sericea, Moore, Proc. Zool. Soc. Lond. 1877, p. 600. Andaman Is.

1055. REDOA SUBMARGINATA.

Redoa submarginata,	Walker, Cat. Lop. Het. B. M. iv, p. 826, (1855).
	Moore, Cat. Lep. Mus. E. I. C. ii, p. 336, pl. 14, figs.
	11, 11a, (1859).
-	Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 3,
	(1881).
A	Moore, Lep. Ceyl. ii, p. 92, pl. 113, fig. 4, (1882).
	Journ. As. Soc. Beng. liii, pt. 2, p. 235,
	(1884).

I. M., Buxa (Moti Ram), Sikkim (purchased), Cachar (Wood-Mason), Sibsagar (Peal).

Collection Swinhoc, Ceylon.

Also recorded from Sylhet and Java.

Genus Himala.

1056. HIMALA ARGENTEA.

Redoa argentea, Walker, Cat. Lep. Het. B. M. iv, p. 827, (1855).

Dasychira ilita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).

Walker, loc. cit., xxxii, p. 359, (1864).

Himala argentea, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 6, (1881).

Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Collection Swinhoe; Simla.

Also recorded from Assam, Darjiling, Dehra Dhun.

Genus Mahoba.

1057. MAHOBA IRRORATA.

Mahoba irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879). Darjiling.

1058. MAHOBA PLAGIDOTATA.

Cyrlidia plagidotata, Walker, Cat. Lep. Het. B. M. xxv, p. 1483, (1862). Mahoba plagiodotata(sic), Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 3, fig. 6 (1879).

Darjiling.

Genus Somers.

1059. Somera viridifusca.

Somera viridifusca, Walker, Cat. Lep. Het. B. M. iv, p. 882, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 20, pl. 104, fig. 7, (1886).

I. M., Sikkim (purchased). Collection Swinhoe, Darjiling. Also recorded from Sylhet.

Genus Thiacidas.

1060. THIACIDAS POSTICA.

Collection Swinhoe, Karachi, Bombay. Also recorded from Nepal, Kanara.

Genus Odagra.

1061, ODAGRA DEVESTITA.

Odagra devestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

Genus Baryaza.

1062. BARYAZA CERVINA.

Baryaza cervina, Moore, Descr. Ind. Lep. Atk. i, p. 45, pl. 3, fig. 1, (1879).

Darjiling.

Genus Heracula.

1063. HERACULA DISCIVITTA.

Heracula discivitta, Moore, Proc. Zool. Soc., Lond. 1865, p. 804, pl. 43, fig. 2.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1918, (1866).

Darjiling.

Genus Caviria.

1064. CAVIRIA CYGNA.

Caviria cygna, Moore, Proc. Zool, Soc. Lond. 1877, p. 601. S. Andaman Is,

Genus Locharna.

1065. LOCHARNA STRIGIPENNIS.

Locharna strigipennis, Moore, Descr. Ind. Lep. Atk. i, p. 53, pl. 3, fig. 11, (1879.

Khasi Hills.

Genus Penora.

1066. PENORA SILHETICA.

Penora silhetica, Walker, Cat. Lep. Het. B. M, xxxii, p. 341, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

1067. Penora venosa.

Penora venosa, Walker, Cat. Lep. Het. B. M. iv, p. 822, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 1, (1881).

N. India.

Genus Procodeca.

1068. PROCODECA ANGULIFERA.

Provodeca (sic) angulifera, Walker iv, p. 919, (1855).

I. M., Mergui (Anderson).

1069. PROCODECA TESTACEA.

Procodera testacea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574. Bengal.

Genus Echlida.

1070. ECHLIDA SUBJECTA.

Echlida subjecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 387, (1865). S. India.

Genus Bazisa.

1071. BAZISA DETECTA.

Bazisa detecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 399, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.

Genus Stilpnotis.

1072. STILPNOTIA OCHRIPES.

Stilpnotia ochripes, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879). Darjiling.

1073. STILPNOTIA SERICEA.

Stilpnotia sericea, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879). Charala sericea, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Mussooree, Darjiling.

1074. STILPNOTIA SORDIDA.

Stilpnotia sordida, Walker, Cat. Lep. Het. B. M. vii, p. 1732, (1856). Sylhet.

Genus Repens.

1075. REPENA CERYINA.

Repena cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855). E. Indies.

Genus Patana.

1076. PATANA DISPAR.

Patana dispar, Walker, Cat. Lep. Het. B. M. iv, p. 820, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

E. Indies, Calcutta.

Genus Harapa.

1077. HARAPA TESTACEA.

Harapa testacea, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 15, (1879).

___ Darjiling.

Genus Caragola.

1078. CARAGOLA COSTALIS.

Caragola costalis, Moore, Descr. Ind. Lop. Atk. i, p. 46, pl. 2, fig. 21, (1879).

Darjiling.

Genus Cadrusia.

1079. CADRUSIA VIRESCENS.

* Cadrusia virescens, Moore, Descr. Ind. Lep. Atk. i, p. 54, pl. 3, fig. 16, (1879).

I. M., Shillong.

Also recorded from Darjiling.

Genus Trichia.

1080. TRICHIA EXIGUA.

Trichia exigua, Nietner, Enemies of Coffee, Ceylon, p. 20, (1861).*

Moore, Lep. Ceyl. ii, p. 100, (1882).

Ceylon.

Genus Trisuloides.

1081. TRISULOIDES CATOCALINA.

Trisuloides catocalina, Moore, Proc. Zool. Soc. Lond. 1883, p. 17. Darjiling.

1082. TRISULOIDES SERICEA.

Trisuloides sericea, Butler, Ann. Nat. Hist. (5), vii, p. 36, (1881). Shillong, Darjiling.

Genus Barhona.

1083. BARHONA CARNEOLA.

Barhona carneola, Moore, Descr. Ind. Lep. Atk. 3, p. 56, (1879). Collection Swinhoe, Darjiling.

Genus Dura.

1084. DURA ALBA.

Dura alba, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879). Darjiling.

Genus Caltura.

1085. CALTURA ALBA.

Caltura alba, Moore, Proc. Zool. Sec. Lond. 1879, p. 401.

Lep. Ceyl. ii, p. 98, pl. 114, figs. 2, 2a, 2b, (1882).

Collection Swinhoe, Ceylon.

Genus Daplasa.

1086. DAPLASA IRRORATA.

Daplasa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 2, fig. 17, (1879).

Darjiling.

Genus Bembina.

1087. BEMBINA APICALIS.

Bembina apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 505, (1865).

Moore, Lep. Ceyl. ii, p. 88, pl. 111, fig. 5, (1882).

Ceylon.

Genus Kanchia.

1088. KANCHIA SUBVITREA.

Leucoma subvitrea, Walker, Cat. Lep. Het. B. M. xxxii, p. 344, (1865). Kanchia subvitrea, Moore, Lep. Ceyl. ii, p. 93, pl. 113, fig. 5, (1882). Collection Swinhoe, Ceylon.

Also recorded from India.

Genus Amsacta.

1089. Ameacta tenebrosa.

Amsacta tenebrosa, Walker, Cat. Lep. Het. B. M. vii, p. 1725, (1856); and xxxii, p. 338, (1865).

N. India, Ceylon.

Genus Psalis.

1090. PSALIS SECURIS.

Psalis securis,	Hübner, Zuträge, Samml. Exot Schmett. iii, 9, 146, figs 291-92, (1823).*
	Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. 14, figs. 12
	12a, (1859). Lep. Ceyl. ii, p. 95, pl. 115, figs. 1, 1a, (1882).
	Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399. Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.
Arestha antica,	Walker, Cat. Lep. Het. B. M. iv, p. 805, (1855).
Rigema falcata,	, Walker, <i>loc. cit.</i> vii, p. 1762, (1856). Walker, <i>loc. cit.</i> xxxii, p. 437, (1865). <i>imata</i> , Walker, <i>loc. cit.</i> , p. 440 (1865).
I. M., Kulu (p	
Collection Swin	nhoe; Ceylon, Mhow, Bisnaggar, Guzerat.

FAMILY BOMBYCIDÆ.

Geous Trilocha.

1691, TRILOCHA ALBICOLLIS.

Naprepa albicollis, Walker, Journ. Linn. Soc. Lond. vi, p. 171, (1862).

Cat. Lep. Het. B. M. xxxii, p. 488, (1865).

Trilocha albicollis, Forsayeth, Trans. Ent. Soc. Lond. (1884), p. 408, pl. 15, figs. 10, 10a.

Mhow, Borneo.

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1092. TRILOCHA CERVINA.

Naprepa cervina, Walker, Cat. Lep. Het. B. M. xxxii, p. 489, (1865). India.

1093. TRILOCHA VARIANS.

Naprepa varians, Walker, Cat. Lep. Het. v, p. 1153, (1855).
Trilocha varians, Moore, Cat. Lep. Mus. E. I. C. ii, p. 382, pl. 11a, fig. 6
(1859).
Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 331, pl. 19, figs.
1-2, (1864-66).
Moore, Wardle's Wild Silks of India, p. 4, (1881).
Lep. Ceyl. ii, p. 136, pl. 133, figs. 1, 1a, 1b,
(1882).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302.
Proc. Zool. Soc. Lond. 1886, p. 440.
Collection Swinhoe, Mhow, Satara, Poona, Bombay. Also recorded from Ceylon, Hongkong.

Genus Bombyx.

1094. Bombyk arracanensis.

Bombyx arracanensis, Hutton, Trans. Ent. Soc. Lond (3) ii, p. 313, (1864-66).

Moore, Wardle's Wild Silks of India, p. 3, (1881).

Arracan.

1095. Bombyx crest.

Bombyx cræsi, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 312, (1864-66).

Moore, Wardle's Wild Silks of India, 1881, p. 3.

Proc. Zool. Soc. Lond. 1867, p. 683.

Bengal.

Known as "Nistry," "Madrassee," "Small Pat," and "Monthly Silkworm,"

1096. Bombyx fortunatus.

Bombyx fortunatus, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. (312), pl.

19; fig. 3, (1864-66).

Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Wardle, Wild Silks of India, p. 3, (1881).

Bengal.

Known as the "Dassi Silkworm."

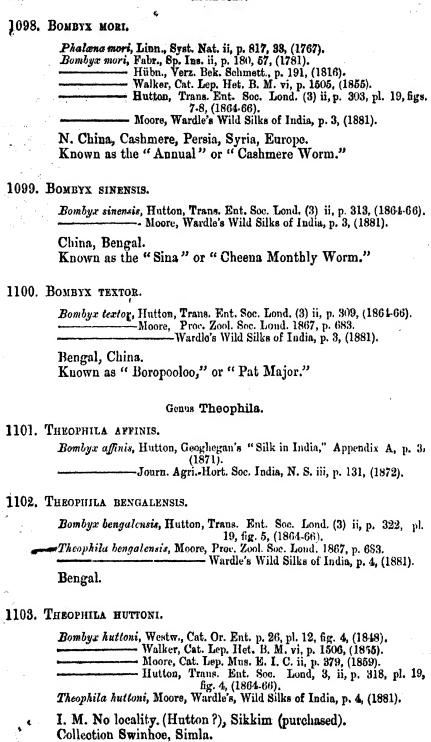
1097. BOMBYX LUGUBRIS.

Noctua lugubris, Drury, Exot. Ins. iii, p. 28, pl. 21, fig. 5, (1782).

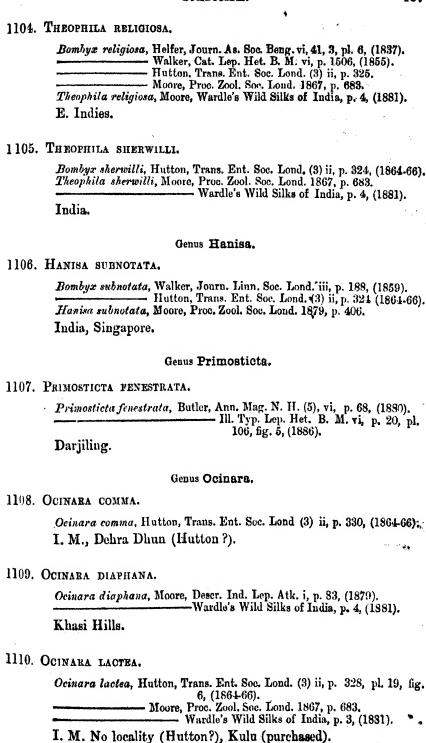
Bombyx lugubris, — Ed. Westw., pl. 21, fig. 5, (1837).*

Bombyx penthica, Hübn. Verz. Bek. Schmett, p. 191, (1816).

Madras.



Also recorded from Mussooree.



Collection Swinhoe, Simla.

1111. OCINARA MOOREI.

Ocinara moorei, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 326, (1864-66).

Moore, Wardle's Wild Silks of India, p. 4, (1881).

India.

Genus Aristhala.

1112. Aristhala sikkima.

Aristhala sikkima, Moore, Proc. Zool. Soc. Lond. 1879, p. 406, pl. 33, fig. Darjiling.

1113. ARISTHALA THWAITESIL.

Aristhala thwaitesii, Moore, Lep. Ceyl. ii, p. 136, pl. 133, fig. 2, (1882). Ceylon.

FAMILY NOTODONTIDÆ.

SUB-FAMILY CAREINÆ.

Genus Sybrida.

1114. Sybrida inordinata.

Sybrida inordinata, Walker, Cat. Lep. Het. B. M. xxxii, p. 466, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 8, (1886).

Darjiling.

Genus Torons.

1115. TORONA PERRIFERA.

Torona ferrifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 468, (1865).
India.

Genus Arunda.

1116. ARUNDA OPPONENS.

Arunda opponens, Walker, Cat. Lep. Het. B. M. xxxii, p. 467, (1865). S. India.

Genus Dabarita.

1117. Dabarita icterica.

Dabarita ictorica, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439, pl. 40, fig. 8. Collection Swinhoe, Mhow.

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1118. DABARITA SUBTILIS.

Dabarita subtilis, Walker, Cat. Lep. Het. B. M. x, p. 479, (1856).

Moore, Lep. Ceyl. ii, p. 117, pl. 123, figs. 3, 3a, (1882).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 408, pl. 14, figs. 4-4b.

Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, figs. 6, 7, (1886).

I. M., Calcutta (de Niceville), Andaman Is. (purchased).

Collection Swinhoe, Sikkim.

Also recorded from N. India, Ceylon, and Java.

Genus Brada.

1119. Brada Truncata.

Brada truncata, Walker, Cat. Lep. Het. B. M. xv, p. 1666, (1858).

Moore, Lep. Ceyl. ii, p. 118, pl. 122, figs. 2, 2a, 2b, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay, Poona, Khandalla.

Also recorded from Ceylon.

Genus Carea.

1120. CAREA OBSOLESCENS.

Carea obsolescens, Trans. Ent. Soc. Lond. 1884, p. 356. Bombay, Coonoor.

1121. CAREA VARIPES.

Carea varipes, Walker, Cat. Lep. Het. B. M. x, p. 475, (1856).

Moore, Lep. Ceyl. ii, p. 116, pl. 123, figs. 1, 1a, (1882).

Chora curvifera, Walker, Journ. Linn. Soc. Lond. vi, p. 188, (1862).

Dabarita rhodophila, Walker, Cat. Lep. Het. B. M. xxxiii, p. 718, (1865).

I. M., Sibsagar (Peal).

Also recorded from Ceylon, Malacca, Sarawak and Java.

Genus Elydna.

1122. ELYDNA TRANSVERSA.

Elydna transversa, Walker, Cat. Lep. Het. B. M. xv, p. 1713, (1858). India.

SUB-FAMILY DICRANURINÆ.

Genus Cerura.

1123. CERURA DAMODARA.

Cerura damodara, Moore, Proc. Zool. Soc. Lond. 1865, p. 812. N.-E. Bengal.

1124. CERURA HIMALAYANA.

Cerura himalayana, Moore, MS. Collection Swinhoe, Himalayas.

Part II.

1125. CERURA PRASANA.

Cerura prasana, Moore, Proc. Zool. Soc. Lond. 1865, p. 812. N.-E. Bengal.

Genus Harpyia.

1126. HARPYIA KANDYIA.

Harpyia kandyia, Moore, Lep. Ceyl. ii, p. 108, pl. 120, figs. 1, 1a, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

1127. HARPYIA LITURATA.

Cerura liturata, Walker, Cat. Lep. Het. B. M. v, p. 988, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, (1859).

Dicranura argentea, Felder, Reise Novara, pl. 96, fig. 6, (1864-75).

Harpyia liturata, Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 7, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal), Akra (Cleghorn),

Goalpara.

Collection Swinhoe, Sylhet, Sibsagar.

Also recorded from Madras.

Genus Stauropus.

1128. STAUROPUS ALBESCENS.

Stauropus albescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404. Collection Swinhoe, Bombay.

Also recorded from South India.

1129 STAUROPUS ALTERNUS.

Stauropus alternus, Walker, Cat. Lep. Het. B. M. v, p. 1020, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, pl. 18, figs.

4, 4a, (1859).

Lep. Ceyl. ii, p. 109, pl. 119, figs. 1, 1a, 1b, (1882).

Collection Swinhoe, Simla.

Also recorded from Sylhet, Kanara, Ceylon, and Java.

1130. STAUROPUS APICALIS.

Stauropus apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879). Darjiling.

,1431. STAUROPUS INDICUS.

Stauropus indicus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404. N.-E. Bengal.

1132. STAUROPUS SIKKIMENSIS.

Stauropus sikkimensis, Moore, Proc. Zool. Soc. Lond. 1865, i, p. 811, pl. 43, fig. 5.

Darjiling.

1133. STAUROPUS VINACEUS.

Stauropus vinaceus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404, pl. 33, fig. 1.

1134. STAUROPUS VIRESCENS.

Stauropus virescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404. Darjiling.

SUB-FAMILY NOTODONTINÆ.

Genus Anticyra.

1135. Anticyra combusta.

Anticyra combusta, Walker, Cat. Lep. Het. B. M. v, p. 1092, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 432, pl. 13a, fig. 5, and pl. 23, figs. 3, 3a, (1859).

Dinara lineolata, Walker, loc. cit., vii, p. 1700, (1856).

Collection Swinhoe, Java, Karachi, Poona.

Also recorded from the Philippine Is.

Genus Anthoua.

1136. ANTHEUA DISCALIS.

Antheua discalis, Walker, Cat. Lep. Het. B. M. iii, p. 767, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 431, pl. 13a, fig.

4, and pl. 23, figs. 2, 2a, (1859).

Butler, Ill. Typ. Lep. Het. vi, p. 12, pl. 104, figs. 2-3, (1886).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Sibsagar (Peal), Kulu (purchased), Cherra.

Collection Swinhoe, Simla, Nilgiri Hills, Mhow, Bombay, Ceylon.

Also recorded from Moulmen, Burma, and Java.

1137. ANTHEUA EXANTHEMATA.

Antheua exanthemata, Moore, Lep. Ceyl. ii, p. 111, pl. 119, fig. 2, (not pl. 104,) (1882).

Ceylon.

Genus Chadisra.

1138. CHADISRA BIPARS.

Chadisra bipars, Walker, Trans. Ent. Soc. Lond. (3), i, p. 82. (1862-64).

Cat. Lep. Het. B. M. xxxii, p. 441, (2865).

India,

Genus Sphotta.

1139. SPHETTA APICALIS.

Sphetta apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 457, (1865).

Moore, Lep. Ceyl. ii, p. 114, pl. 121, figs. 2, 2a, (1882).

Ceylon.

1140. SPHETTA BIOCELLATA.

Sphetta biocellata, Moore, Proc. Zool. Soc. Lond. 1879, p 405. Bombay.

1141. SPHETTA MOOREI.

Sphetta apicalis, Moore (nec Walker), Proc. Zool. Soc. Lond. 1879, p. 405, pl. 33, fig. 7.

Darjiling.

Genus Besaia.

1142. BESAIA RUBIGINEA.

Besaia rubiginea, Walker, Cat. Lep. Het. B. M. xxxii, p. 459, (1865).

Butler, Ill. Typ. Lep. Het. vi, p. 22, pl. 104, fig. 10, (1886.)

India.

Genus Ceira.

1143. CEIRA BASISTRIGA.

Ceira basistriga, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879). Darjiling.

1144. CEIRA DECURRENS.

Ceira decurrens, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879). Cherrapunji.

1145. CEIRA JUNCTURA.

Ceira junctura, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879). Darjiling.

1146. СЕІКА МЕТАРНЕА.

Ceira metaphæa, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).

Moore, Lep. Ceyl. ii, p. 112, pl. 119, fig. 3, (1882)

Ceylon.

1147. CEIRA OCHRACEA.

Ceira ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879). Darjiling.

1148. CEIRA POSTICA.

Ceira postica, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879). Darjiling.

Genus Niganda.

1149. NIGANDA ALBISTRIGA.

Niganda albistriga, Moore, Descr. Ind. Lep. Atk. i. p. 64, (1879). Darjiling.

1150. NIGANDA AURATA.

Niganda aurata, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879). Collection Swinhoe, Darjiling.
Also recorded from Khasi Hills.

1151. NIGANDA DIVISA.

Niganda divisa, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879). Darjiling.

1152, NIGANDA SIKKIMA.

Niganda sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879). Darjiling.

1153. NIGANDA STRIGIFASCIA.

Niganda strigifascia, Moore, Descr. Ind. Lep. Atk. i, p. 63, pl. 3, fig. 15, (1879).

Darjiling.

Genus Celeia.

1154. CELETA AURITRACTA.

Celcia auritracta, Moore, Proc. Zool. Soc. Lond. 1865, p. 811. N.-E. Bengal.

1155. CELEIA DISRUPTA.

Celcia disrupta, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879). Darjiling.

1156. CKLEIA PLUSIATA.

Celcia plusiata, Walker, Cat. Lep. Het. B. M. xxxii, p. 463, (1865). Kanara.

1157. CELEIA SIKKIMA.

Celeia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 63, (1879). Darjiling.

Genus Paravetta.

1158. PARAVETTA DISCINOTA.

Paravetta discinota, Moore, Proc. Zool Soc. Lond. 1865, p. 814, pl 43. fig. 3.

Darjiling.

1159. PARAVETTA SIKKIMA.

Paravetta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879). Darjiling.

Genus Anodonta.

1160. Anodonta pulcherrima.

Anodonta pulcherrima, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl. 43, fig. 4.

N.-E. Bengal.

Genus Lophopteryx.

1161. LOPHOPTERYX ARGENTATA.

Lophopteryx argentata, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).

Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*

Darjiling.

1162. LOPHOPTERYK FERRUGINOSA.

Lophopterylx ferruginosa, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).

Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*

Darjiling.

1163. LOPHOPTERYX FLAVISTIGMA.

Lophopteryx flavistigma, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879). Darjiling.

1164. LOPHOPTERYX SATURATA.

Lophopteryx saturata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865), and xxxv, p. 1929, (1866).

Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 1, (1886).

I. M., Darjiling.

Genus Drymonia.

1165. DRYMONIA DENOTATA.

Drymonia denotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 414, (1865). N. India.

Genus Cetola.

1166. CETOLA DENTATA.

Cetola dentata, Walker, Cat. Lep. Het. B. M. v, p. 1016, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 48.

Collection Swinhoe, Mhow.

Also recorded from Nepal.

Genus Heterocampa.

1167. HETEROCAMPA ARGENTIFERA.

Heterocampa argentifera, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

Walker, Cat Lep. Het. B. M. xxxv, p. 1930, (1866).

Collection Swinhoe, Darjiling.

1168. HETEROCAMPA BASALIS.

Heterocampa basalis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879). Darjiling.

1169. HETEROCAMPA BRUNNEA.

Heterocampa brunnea, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879). Darjiling.

1170. HETEROCAMPA IRRORATA.

Heterocampa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879). Darjiling.

1171. HETEROCAMPA MACULATA.

Heterocampa maculata, Moore, Descr. Ind. Lep. Atk i, p. 60, (1879).

Waterhouse, Aid. ii, pl. 132, fig. 6, (1883).

Collection Swinhoe, Darjiling.

1172. HETEROCAMPA OBLIQUIPLAGA.

Heterocampa obliquiplaga, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879). Darjiling.

1173. HETEROCAMPA PLAGIVIRIDIS.

Heterocampa plagiviridis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879). Darjiling.

1174. HETEROCAMPA SIKKIMA.

Heterocampa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

Walker, Cat. Lep. Het. B. M. xxxv, p. 930, (1865).

Darjiling.

1175. HETEROCAMPA VARIEGATA.

Heterocampa variegata, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879)., Darjiling.

Genus Cleapa.

1176. CLEAPA LATIFASCIA.

Cleapa latifascia, Welker, Cat. Lep. Het. B. M. v, p. 1037, (1855). E. Indies.

Genus Gluphisia.

1177, GLUPHISIA INDICA.

Gluphisia indica, Walker, Cat. Lep. Het. B. M. v. p. 1039, (1855).

Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

Collection Swinhoe, Simla, Dharmsala.

1178. GLUPHISIA SINUATA.

Gluphisia sinuata, Moore, Proc. Zool. Soc. Lond., 1879, p. 405. N.-E. Bengal.

Genus Damata.

1179. Damata longipennis.

Damata longipennis, Walker, Cat. Het. B. M. v, p. 1044, (1855).

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 24, pl. 106, fig. 10, (1886).

I. M., Darjiling.

Collection Swinhoe, Sikkim.

Genus Nerice.

1180. NERICE PALLIDA.

Nerice pallida, Walker, Cat. Lep. Het. B. M. v, p. 1077, (1855).

Moore, Prec. Zool. Soc. Lond. 1867, p. 683.

Nepal.

Genus Apela.

1181. APELA DIVISA.

Apela divisa, Walker, Cat. Lep. Het. B. M. v. p. 1093, (1855).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
 Nepal.

Genus Pydna.

1182. PYDNA FASCIATA.

Pydna fusciata, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879). Darjiling.
Allied to P. testacea.

1183. PYDNA INDICA.

Pydna indica, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
Calcutta.

1184. PYDNA TESTACEA.

Pydna testacea, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856). India.

Genus Bireta.

1185. BIRETA GALBANA.

Bireta galbana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438. Collection Swinhoe, Mhow.

1186. BIRETA LONGIVITTA.

Bireta longivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856). Collection Swinhoe, Simla, Sikkim.

1187. BIRETA XANTHOPHILA.

Menapia xanthophila, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).

Moore, Proc. Zool, Soc. Lond. 1867, p. 682.

Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 1, (1886).

N. India.

I. M., specimens with no history.

Genus Dudusa.

1188. Dudusa sphingiformis.

Dudusa sphingiformis, Moore, Proc. Zool. Soc. Lond. 1872, p. 577, pl. 34, fig. 1.

1. M., Sikkim (purchased).

Genus Nadata.

1189. NADATA NIVEICEPS.

Trabala niveiceps, Walker, Cat. Lep. Het. B. M. xxxii, p. 554, (1865). Nadata niveiceps, Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 8, (1886).

N. India.

Genus Notodonta.

1190. Notodonta basalis.

Notedonta basalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 813. Darjiling.

1191. NOTODONTA EJECTA.

1192. NOTODONTA SIKKIMA.

Notodonta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 68, (1879). Darjiling.

Genus Ichthyura.

1193. ICHTHYURA ARGENTEA.

Ichthyura argentea, Butler, Ill. Typ. Lep. Het B. M. vi, p. 24, pl. 102, fig. 12, (1886).

Darjiling.

1194. ICHTHYURA FERRUGINEA.

Ichthyura ferruginea, Moore, Proc. Zool. Soc. Lond. 1865, p. 813. N.-E. Bengal.

1195. ICHTHYURA FULGURITA.

Ichthyura folgurita, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).

I. M., Calcutta.

Collection Swinhoe, Dharmsala.

Also recorded from South India and Shanghai.

1196. Ichthyura indica.

Ichthyura indica, Moore, Proc. Zool. Soc. Lond. 1865, p. 813. Bengal.

1197. ICHTHYURA RESTITURA.

Ichthyura restitura, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).

Moore, Lep. Ceyl. ii, p. 115, pl. 122, figs. 1, 1a, 1b, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Subathoo, Mhow, Poona.

Also recorded from Ceylon.

Genus Ingura.

1198. INGURA CRISTATBIX.

Ingura cristatrix, Guen. Noct. iii, p. 313, 1122.*

Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

Andaman Is.

1199. INGURA SUBAPICALIS.

Abrostola, subapicalis, Walker, Cat. Lep Het. B. M. xii, p. 883, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Ingura recurrens, Walker, loc. cit., xv, p. 1779, (1858).

Ingura subapicalis, Butler, Proc. Zool. Soc. Lond. (1883), p. 157.

. Collection Swinhoe, Simla, Darjiling, Karachi.
Also recorded from Solun and Calcutta.

Genus Ptilophora.

1200. PTILOPHORA KASHGHARA.

Ptilophora kashghara, Moore, Ann. Nat. Hist. (5), i, p. 231, (1878).

2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 19, (1879).

Kashgar.

Genus Tarsolopis.

1201. TARSOLEPIS FULGURIFERA.

Crino fulgurifera, Walker, Cat. Lep. Het. B. M. xiv, p. 1347, (1857).

Tursolepis fulgurifera, Butler, Ill. Typ. Lep. Het. vi, p. 23, pl. 106, fig. 9, (1886).

N. India.

Genus Rosama.

1202. ROSAMA PLUSIOIDES.

Rosama plusioides, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879). Darjiling.

Genus Spatalia.

1203. SPATALIA GEMMIFERA.

Spatalia gemmifera, Moore, Descr. Ind. Lep. Atk. i, p. 62, pl. 3, fig. 14, (1879).

I. M., Sikkim (purchased).

Genus Hoplitis.

1204. HOPLITIS STRIGATA.

Hoplitis strigata, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 13, (1879).

Genus Phoosia.

1205. PHEOSIA ALBIFASCIA.

Pheosia albifuscia, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879). Darjiling.

1206. Pheosia basalis.

Pheosa (sic) basalis, Moore, Lep. Ceyl. ii, p. 113, pl. 121, figs. 1, 1a, (1882). Ceylon.

1207. PHEOSIA COSTALIS.

Pheosia costalis, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879). Darjiling.

1208. Pheosia sikkima.

Pheosia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879). Darjiling.

Genus Rachia.

1209. RACHIA PLUMOSA.

Rachia plumosa, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).

Proc. Zool. Soc. Lond. 1879, p. 405, pl. 34, fig. 1.

Darjiling.

Genus Danaka.

1210. DANAKA PYRALIFORMIS.

Danaka pyraliformis, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 3, fig. 10, (1879).

Darjiling.

Genus Boara.

1211. BEARA CASTANEA.

Beara castaned; Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 2, fig. 9, (1879). Darjiling.

1212. BEARA DICHROMELLA.

Beara dichromella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1703, (1866).

Moore, Lep. Ceyl. ii, p. 115, pl. 123, figs, 2, 2a, (1882).

Swinhoe, Proc. Zool. Soc. Loud. 1885, p. 301.

Collection Swinhoe, Bombay. Also recorded from Ceylon.

Genus Moma.

1213. Мома снамра.

Moma champa, Moore, Proc. Zool. Soc. Lond. 1879, p. 403, pl. 33, fig. 2. Collection Swinboe; Kasauli.

Also recorded from Dharmsala.

Genus Oxicesta.

1214. Oxicesta marmorea.

Oxicesta marmorea, Moore, 2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 17, (1879).

I. M., Yarkand.

Genus Netria.

1215. NETRIA VIRIDESCENS.

Netria viridescens	, Walker, Cat. Lep. Het. B. M. vi, p. 1504, (1855).
	(1859).
C 1: T	
Ceylon, Java.	

Genus Baradesa.

1216. BARADESA LITHOSIOIDES.

Baradesa lithosioides, Moore, Proc. Zool. Soc. Lond. 1833, p. 17, pl. 5, fig. 2.

I. M., Sikkim (purchased), Sylhet.

Collection Swinhoe; Sikkim.

Genus Zaranga.

1217. ZARANGA PANNOSA.

Zaranga pannosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 357. Collection Swinhoe, Simla.

Also recorded from Umballa.

SUB-FAMILY CALPINÆ.

Genus Calpe.

1218. CALPE BICOLOR.

Calpe bicolor, Moore, Proc. Zool. Soc. Lond. 1883, p. 19.
Waterhouse, Aid, iii, pl. 150, fig. 4.*
Punjab.
Allied to C. ophideroides.

1219. CALPE FASCIATA.

Calpe fasciata, Moore, Ind. Lep. Atk. ii, p. 151, (1882). Hypocalpe fasciata, Butler, Proc. Zool. Soc. Lond. 1883, p. 157. Collection, Swinhoe, Simla, Sikkim, Bombay. Also recorded from Solun.

1220. CALPE MINUTICORNIS.

Calpe minuticornis, Guen., Noct. ii, p. 374, (1852).*	,
	(1857).
Moore, Proc. Zool. Soc. Lond. 1867, p. 63	
Lep. Ceyl. iii, p. 78, pl. 153, figs. ;	3, 3a, (1884).
Proc. Zool. Soc. Lond. 1883, p. 19).
Calledian Sminh Dentilian	

Collection Swinhoe, Darjiling.

Also recorded from Java, Bombay, Ceylon.

1221. CALPE OPHIDEROIDES.

Calpe ophideroides, Guen., Noct. ii, p. 374, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).

Also recorded from Nepal, Landaur, Singapore.

Collection Swinhoe, Simla.

1822. CALPE ORTHOGRAPTA.

Calpe orthograpta, Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 2, (1886).

I. M., Darjiling (purchased).

Genus Gadera.

1223. GADERA INCITANS.

Gadera incitans, Walker, Cat. Lep. Het. B. M. xii, p. 964, (1857). - Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, fig. 5, (1886). N. India.

Genus Oræsia.

1224. Oræsia argyrosigna.

Oræsia argyrosigna, Moore, Lep. Ceyl. iii, p. 77, pl. 153, fig. 4, (1884). Ceylon.

1225. ORÆSIA EMARGINATA.

Noctua emarginata, Fabr., Ent. Syst. iii, 2, p. 82, 240, (1794).
Oræsia emarginata, Guen., Noct. ii, p. 363, 1203, (1852).*
Walker, Cat, Lep. Het. B. M. xii, p. 944, (1857).
Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
Lep. Ceyl. iii, p. 76, pl. 153, figs. 2, 2a, (1884).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301, and
1886, p. 439.
Proc. Zool. Soc. Lond. 1886, p. 438.
Butler, Ill. Typ. Lep. Het. vi, p. 26, pl. 107, fig. 4, (1886.)
Orasia alliciens, Walker, loc. cit., p. 945, (1857). Orasia tentans, Walker, loc. cit.
I. M., Darjiling, Ceylon (Colombo Museum).
Collection Swinhoe, Simla, Sylhet, Mhow, Poona, Bombay, Ceylon.
Also recorded from China.

1226. Oræsia provocans.

Oræsia provocans, Walker, Cat. Lep Het. B. M. xii, p. 943, (1857). - Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Sylhet, S. Africa.

1227. Oræsia rectistria.

Oræsia rectistria, Guen., Noct. ii, p. 363, 1204, (1852).* - Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857). - Moore, Proc. Zool. Soc. Lond 1867, p. 63.

Collection Swinhoe, Sylhet.

1228. ORÆSIA VAGABUNDA.

Orasia vagabunda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 5.

Collection Swinhoe, Karachi.

Genus Cyphanta.

1229. CYPHANTA XANTHOCHLORA.

Cyphanta xanthochlora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 856, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 25, pl. 107, fig. 3, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus Arsacia.

1230. ARSACIA FRONTIRUFA.

Arsacia frontirufa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301, pl. 20. fig. 12.

Bombay.

1231. Arsacia saturatalis.

Arsacia saturatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1260, (1865). Arsacia saturalis, Moore, Lep. Ceyl. iii, p. 78, pl. 152, fig. 8, (1884). Ceylon.

Genus Culasta.

1232. Culasta indecisa.

Collection Swinhoe, Bombay, Satara.

Also recorded from Madras and Benares.

Genus Ambadra.

1233. AMBADRA ERNESTINA.

Corma crnestina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 20, fig. 2.

Collection Swinhoe, Bombay.

FAMILY DREPANULIDÆ.

Genus Thymistada.

1234. THYMISTADA TRIPUNCTATA.

Thymistada tripunctata, Walker, Cat. Lep. Het. B. M. xxxii, p. 515, (1865).

India.

Genus Drepana.

1235. DREPANA ALBONOTATA.

Drepana albonotata, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879). Collection Swinhoe, Sikkim.

Also recorded from Parisnath.

1236. DREPANA BIOCULARIS.

Drepana biocularis, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 9, (1879).

Darjiling...

1237. DREPANA DUPLEXA.

Drepana duplexa, Moore, Proc. Zool. Soc. Lond. 1865, p. 816, pl. 43, fig. 8.

Darjiling.

1238. DREPANA FLAVA.

Drepana flava, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 7, (1879). Darjiling.

1239. DREPANA PALLIDA.

Drepana pallida, Moore, Descr. Ind. Lep. Atk. i, p. 84, (1879). Darjiling.

1240. DREPANA PATRANA.

Drepana patrana, Moore, Proc. Zool. Soc. Lond. 1865, p. 816. Darjiling.

1241. DREPANA POSTICA.

Drepana postica, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 8, (1879). Darjiling.

1242. DREPANA SADANA.

Drepana sadana, Moore, Proc. Zool. Soc. Lond. 1865, p. 817. Darjiling.

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1243. DREPANA SPECULARIS.

Drepana specularis, Moore, Proc. Zool. Soc. Lond. 1879, p. 407.

Lep. Ceyl. ii, p. 120, pl. 124, fig. 2, (1882).

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 18, pl. 106, fig. 3, (1886).

Darjiling, Ceylon.

1244. DREPANA VINACEA.

Drepana vinacea, Moore, Descr. Ind. Lep. Atk, i, p. 85, (1879). Darjiling.

1245. DREPANA VIRA.

Drepana vira, Moore, Proc. Zool. Soc. Lond. 1865, p. 817. Collection Swinhoe, Simla, Darjiling.

Genus Oreta.

1246, ORETA EXTENSA.

Oreta extensa, Walker, Cat. Lep. Het. B. M. v, p. 1166, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 370, pl. 11a, fig. 2; and pl. 18, fig. 3, (1859).

Proc. Zool. Sec. Lond. 1867, p. 683.

Lep. Ceyl. ii, p. 119, pl. 124, figs. 3, 3a. (1882).

Oreta suffusa, Walker, loc. cit., p. 1167, (1855).

Collection Swinhoe, Simla.

Also recorded from Java and Ceylon.

1247. ORETA OBTUSA.

Oreta obtusa, Walker, Cat. Lep. Het. B. M. v, p. 1167, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Sylbet.

1248. ORETA PAVICA.

Oreta pavica, Moere, Proc. Zool. Soc. Lond. 1865, p. 815. Darjiling.

1249. ORETA SANGUINEA.

Oreta sanguinea, Moore, Descr. Ind. Lop. Atk. i, p. 85, (1879). Collection Swinhoe, Darjiling.

1250. ORETA VATAMA.

Oreta vatama, Moore, Proc. Zool. Soc. Lond. 1865, p. 816. Darjiling.

Part II

Genus Lonomia.

1251. LONOMIA VITTIPALPIS.

Lonomia vittipalpis, Walker, Char. Undescr. Lep. Het. 1869, p. 90. Benares.

Genus Callidropana.

1252. CALLIDREPA NAOCHREA.

Callidrepana achrea, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, fig. 10, (1886).

Darjiling.

Genus Agnidra.

1253. AGNIDRA DISCISPILARIA.

Agnidra discispilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 619. Bengal.

1254. AGNIDRA MUSCULARIA.

Fascellina zeuscularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1554, (1866).
 Agnidra muscularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 619, pl. 32.
 fig. 2.

N. India.

1255. AGNIDRA SPECULARIA.

Fascellina specularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1553, (1866)

Agnidra specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618, pl. 32, fig. 2.

Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, figs. 11, 12, (1886).

Darjiling.

1256. AGNIDRA USTA.

Agnidra usta, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 106, fig. 2, (1886). Darjiling.

Genus Auzata.

1257, AUZATA SEMIPAVONARIA.

Auzata semiparonaria, Walker, Cat. Lep. Het. B. M. xxvi. p. 1620, (1862).

Butler, Ill. Typ Lep. Het. vi, p. 18, pl. 106, fig. l. (1886).

Collection Swinhoe, Simla.

Genus Macrocilix.

1258. MACROCILIX MYSTICATA.

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Argyris mysticata Walker, Cat. Lep. Het. B. M. xxvi, p. 1617, (1862).

Butler, III. Typ. Lep. Het. vi, p. 19, pl. 106, fig. (1886).

Macrocilix mysticata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.
Collection Swinhoe, Dharmsala.
Also recorded from Darjiling.

Genus Argyris.

1259. ARGYRIS DELIARIA.

Argyris deliaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1861).

Collection Swinhoe, Simla, Sikkim, Matheran, Khandalla, Ceylon.

Also recorded from Sylhet, Nepal, and Hongkong.

1260. ARGYRIS DELPHIARIA.

Punjab.

Allied to A. deliaria.

1261. ARGYRIS EXTRUSATA.

Ephyra extrusata, Walker, Cat. Lep. Het. B. M. xxii, p. 637, (1861). Argyris extrusata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

Collection Swinhoe, Mhow, Mirzapore, Bombay, Poona. Also recorded from Ceylon.

1262. ARGYRIS INSIGNATA.

Argyris insignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645. Bengal.

1263. ARGYRIS OCELLATA.

Argyris occiluta, Herrich Schaff, Eur. Schmett, iii, p. 97, pl. 23, figs. 125, 126,*

Walker, Cat. Lep. Het. B. M. xxiii; p. 807, (1861)

Walker, Cat. Lep. Het. F. M. xxiii; p. 807, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 645,

Journ. As. Soc. Beng. liii, (2), 3, p. 237, (1884).

Caloptera occilata, Walker, loc. cit vi, p. 1377 (1855). Argyris ommatoporaria, Guen., Phal. ii, p. 13.*

Bengal, Crete, Syria.

Genns Cobanilla.

1261. COBANILLA MARGINATA.

Cohanilla marginata, Moore, Lep. Ceyl. ii, p. 121, pl. 124, fig. 4, (1882) Ceylon.

FAMILY LIMACODIDÆ.

Genus Scopelodes.

1265. Scopelodes Aurogrisea.

Scopelodes aurogrisea, Moore, Lep. Ceyl. ii, p. 126, pl. 128, figs. 1, 1a. 1b, (1882).

Ceylon.

1266. Scopelodes palpalis.

Scopelodes palpalis, Walker, Cat. Lep. Het. B. M. v, p. 1105, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, pl. 21, figs. 2, 2a, (1859).

Dalcera palpigera, Herr Schaff., Lep. Exot. Nov. Ser. i, fig. 109, (1856).*

Collection Swinhoe, Assam.

Also recorded from Java.

1267. Scopelodes sericea.

Scopelodes sericea, Butler, Ann. Mag. N. H. (5), vi. p. 63, (1880).

Ill. Typ. Lep. Het. vi. p. 3, pl. 101, fig. 61(1886).

I. M., Sikkim (purchased).

Allied to S. testacea.

1268. Scopelodes Testacea.

Scopelodes testacea, Butler, Ill. Typ Lep. Het. vi, p. 3, pl. 101, fig. 5, (1886).

Scopelodes unicolor, Walker (nec Westw.), Cat. Lep. Het. B. M. v., p. 1104, (1855).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet and Moulmein.

1269. Scopelodes ursina.

Scopelodes ursina, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, figs. 7, 8, (1886).

I. M., Sikkim (purchased).

Also recorded from Sylhet.

Allied to S. vulpina.

1270. Scopelodes venosa.

Scopelodes venosa, Walker, Cat. Lep. Het. B. M. v, p. 1105.

Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

1271. Scopelodes vulpina.

Scopelodes vulpina, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 22, (1879).

Darjiling.

Genus Natada.

1272. NATADA BASALIS.

Natada basalis, Walker, Cat. Lep. Het. B. M. v, p. 1110, (1855).

Swinhoe, Proc. Zool. Soc. Lond. 1835, p. 303, and 1886, p. 439.

Collection Swinhoe, Bombay, Mhow.

1273. NATADA RUFESCENS.

Natuda rufescens, Walker, Cat. Lep. Het. B. M. v, p. 1109, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 10, (1886).

N. India.

1274. NATADA VELUTINA.

Gastropacha velutina, Kollar, Kaschmir Von Hügel, iv, p. 473, (1848).

Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).

Natada rugosa, Walker, loc. cit., p. 1109, (1855).

Phocoderma, velutina, Butler, Ill. Typ. Lep. Het. vi, p. 4, pl. 102, fig. 1, (1886).

I. M , Sikkim (purchased), Cachar (Wood-Mason).

Collection Swinhoe, Malda, Poona.

Also recorded from Mussooree and Sind.

Genus Thosea.

1275. THOSEA CERVINA.

Thosea cervina, Moore, Ann. Mag. N. H. (4), xx. p.,348, (1877).

Lep. Ceyl. ii, p. 130, pl. 129, figs. 2, 2a, (1882).
Ceylon.

1276. THOSEA DUPLEXA.

Thosea duplexa, Moore, Lep. Ceyl. ii, p. 130, pl. 131, fig. 3, (1882).

I. M., Sibsagar.

Also recorded from Ceylon.

1277. THOSEA UNIFASCIA.

Thosea unifascia, Walker, Cat. Lep. Het. B. M. v, p, 1068, (1855). Iudia.

Genus Contheyla.

1278. Contheyla thoracica.

Contheyla thoracica, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 7. (1879).

1279. CONTHEYLA VESTITA.

Contheyla vestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 385, (1865). S. India.

Genus Parasa.

1250. PARASA APICALIS.

Limacodes apicalis, Walker, Cat. Lep. Het. B. M. v. p. 1150, (1855). Parasa apicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 685. Sylhet.

4281. PARASA BICOLOR.

Newra bicolor, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855). Parasa bicolor, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 11, (1886)

I. M., Calcutta, Sibsagar (Peal). Collection Swiuhoe, Sikkim, N. Canara.

1282. PARASA HILARIS.

Limacodes hilaris, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 3, (1848). Newra hilaris, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).

Central India.

1283. Parasa isabella.

Parasa isabella, Moore, Cat. Lep. Mus. E. I. C. ii. p. 415, (1859).
Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Bengal.

12.4. PARASA LETA.

Limacodes læta, Westw., Cab. Or. Ent., p. 50, (1848). Nyssia læta, Walker, Cat. Lep. Het. B. M. v. p. 1137, (1855). Parasa retræcta, Walker, loc. cit., xxxii, p. 483, (1865). Parasa læta, Moore, Lep. Ceyl. ii, p. 127, pl. 130, fig. 1, (1882).

I. M., Calcutta (Anderson). Collection Swinhoe, Canara. Also recorded from Ceylon.

1285. PARASA LALEANA.

Parasa laleana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 417, pl. 21, fig. (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

1236. PARASA LEPIDA.

Phalana Noctua lepida, Cramer, Pap. Exot. ii, pl. 130, fig. 2, (1777).

Limacodes graciosa, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 4, (1848).

Neara graciosa, Walker, Cat. Lep. Het. B. M. v, p. 1139, (1855).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.

Parasa lepida, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, pl. 21, figs. 3a, b, c, d, (1859).

Proc. Zool. Soc. Lond. 1867, p. 684.

Lep. Ceyl. ii, p. 127, pl. 128, figs. 2, 2a, 2b, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303 and 1886, p.

1. M., Calcutta (Anderson, De Niceville). Collection Swinhoe, Mhow, Bombay, Ceylon.

439.

1287. PARASA NARARIA.

Parasa nararia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 8, 8a, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

Moore, Proc. Zool. Sec. Lond. 1867, p. 684.

N. India.

1288. Parasa pastoralis.

1289. PARASA PUNICA.

Newra punica, Boisd., Herr Schäff., Lep. Exot. i, fig. 177.*

Walker, Cat. Lep. Het. B. M. v. p. 1141, (1855).

Parasa punica, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Sylhet.

1290. Parasa repanda.

Newra repanda, Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).

Parasa repanda, Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 5, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal).

1291. PARASA RETRACTATA.

Limacodes retractata, Walker, Cat. Lep. Het. B. M. xxxii, p. 487, (1865) and xxxv, p. 1938, (1866). Collection Swinhoe, Darjiling.

1292. PARASA SIMILIS.

Letois similis. Felder, Reise Novara, pl. 82, fig. 15, (1864-75). Parasa similis, Moore, Lep. Ceyl. ii, p. 128, pl. 130, fig. 2, (1882). Ceylon.

1293, PARASA UNICOLOR.

Genus Aphendala.

1294. APHENDALA APERIENS.

Miresa aperiens, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).

Aphendula aperiens, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 4, 4a, (1882).

I. M., Ceylon (Colombo Museum).

1295. APHENDALA CANA.

Collection Swinhoe, Poona.

Also recorded from S. India and Ceylon.

1296. APHENDALA DIVARICATA.

Aphendala divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 376. I. M., Cachar (Wood-Mason, Type), Sibsagar (Peal).

1297. APHENDALA OCHRACEA.

Aphendala ochracea, Moore, Lep. Ceyl. ii, p. 129, pl. 129, figs. 3, 3a, (1882). Ceylon.

1298. APHENDALA TRANSVERSATA.

Aphendala transversata, Walker, Cat. Lep. Het. B. M. xxxii, p. 495, (1865).

Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 8, (1886).

Collection Swinhoe, Kulu.

Collection Swinhoe, Kulu. Also recorded from S. India.

1299. APHENDALA TRIPARTITA.

Aphendala tripartita, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 398, pl. 14, fig. 14.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.

Collection Swinhoe, Mhow.

Also recorded from Manpuri and Jubbulpore.

Genus Rabila.

1300. RABILA FRONTALIS.

Rabila frontalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 508, (1865).

Moore, Lep. Ceyl. ii, p. 135, pl. 132, fig. 5, (1882).
Ceylon.

Genus Susica.

1301. Susica cosmiana.

Susica cosmiano, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440, pl. 40, fig. 9.
Collection Swinhoe, Mhow.
Allied to S. fraterna.

1802. Susica fraterna.

Susica fraterna, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 2, 2a, (1882). Ceylon.

1303. Susica Pallida.

Susica pallida, Walker, Cat. Lep. Het. B. M. v, p. 1114, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 4, (1886).

E. Indies, Nepal.

1304. Susica signata.

Susica signata, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 1, 1a, 1b, (1882). Ceylon.

Genus Miresa.

1305. MIRESA ALBIPUNCTA.

1306. MIRESA ARGENTIFERA.

Miresa argentifera, Walker, Cat. Lep. Het. B. M. v. p. 1124, (1865).

Moore, Lep. Ceyl. ii, p. 128, pl. 129, figs. 1, 1a, (1882).

I. M., Sibsagar, Shillong. Collection Swinhoe, North Canara. Also recorded from Ceylon.

1307. MIRESA BRACTEATA.

Miresa bracteata, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880).

Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 2, (1886).

Collection Swinhoe, Darjiling.

1308. MIRESA BREVILINEA.

Miresa brevilinea, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Darjiling.

1309. MIRESA CASTANEIPARS.

Mircsa castaneipars, Moore, Proc. Zool. Soc. Lond. 1865, p. 819.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1936, (1866).

Darjiling.

1310. MIRES ACUPREA.

Miresa cuprea, Moore, Doscr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 8, (1879). Darjiling.

1311. MIRESA DECEDENS.

Miresa decedens, Walker, Cat. Lep. Het. v. p. 1125, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 3, (1886).

N. India.

1312. MIRESA GUTTIFERA.

Miresa guttifera, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1855). E. Indies.

1313. MIRESA INORNATA.

Miresa inornata, Walker, Cat. Lep. Het. B. M. v, p. 1125, (1855). Collection Swinhoe, Kunawar. Also recorded from Bengal.

1314. MIRESA MOLLIS.

Miresa mollis, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865). S. India.

1315. MIRESA NIVAHA.

Miressa (sic) nivaha, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859). Miresa nivaha, Walker, Cat. Lep. Het. B. M. xxxii, p. 474, (1865). Kanara.

Genus Nyssia.

1316. Nyssia herbifera.

Nessia herbifera, Walker, Cat. Lep. Het. B. M. v. p. 1136. (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Neomiresa herbifera, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 6, (1886).

Nepal.

1317. Nyssia Latipascia.

Nyssia latifascia, Walker, Cat. Lep. Het. B. M. v. p. 1136, (1855).

Moore, Proc. Zool. Sec. Lond, 1867, p. 684.

Nepal.

Genus Narosa.

1318. NAROSA ADALA.

Narosa adala, Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, pl. 11, fig. 14; and pl. 21, fig. 13, (1859).

Lep. Ceyl. ii, p. 132, pl. 132, figs. 3, 3a, (1882).

Ceylon, Java.

1319. NAROSA CONSPERSA.

Narosa conspersa, Walker, Cat. Lep. Het. B. M. v, p. 1151, (1855).

Nietner, Obs. Enemies of Coffee in Ceylon, p. 20, (1861).

Moore, Lep. Ceyl. ii, p. 132, pl. 132, figs. 2, 2a, 2b, (1882).

Collection Swinhoe, Canara, Mahableshwar, Ceylon.

1320. NAROSA RUFOTESSELLATA.

Narosa rufotessellata, Moore, Descr. Ind Lep. Atk. i, p. 73, pl. 3, fig. 24 (1879).

Darjiling.

Genus Cania.

1321. CANIA SERICEA.

Cania sericea, Walker, Cat. Lep. Het. B. M. v, p. 1178, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 7, (1886).

N. Iudia.

Genus Cheromettia.

1322. Cheromettia ferruginea.

Belippa ferruginea, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).

Cheromettia ferruginea, Moore, Lep. Ceyl. ii, p. 134, pl. 132, figs. 1, 1a, 1b, (1882).

Ceylon.

Genus Belippa.

1323. BELIPPA APICATA.

Belippa apicata, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879). Darjiling.

Genus Monema.

1324. MONEMA OCELLATA.

Monema occillata, Moore, Descr. Ind. Lep. Atk. i, p. 74, (1879).

I. M., Sikkim (purchased), Shillong, Khasi Hills. Collection Swinhoe, Darjiling.

Genns Setora.

1325. SETORA DIVERGENS.

Setora divergens, Moore, Descr. Ind. Lep. Atk. i, p. 75, pl. 3, fig. 48.

I. M., Sibsagar (Peal).

Also recorded from Sikkim.

	Genus Candyba.
1326.	CANDYBA PUNCTATA.
	Candyba punctata, Walker, Cat. Lep. Het. B. M. vii, p. 1761, (1856). — Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, (1859). — Lep. Ceyl. ii, p. 133, pl. 132, fig. 4. (1882). — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303. — loc. cit. 1886, p. 438.
	Belgoræa subnotata, Walker, loc. cit., xxxii, p. 497, (1865). I. M., Kulu (purchased), Sibsagar. Collection Swinhoe, Solon, Poona, Mhow, Punjab, Candy Ceylon.
	Family LASIOCAMPIDÆ.
	Genus Bharotta.
1327.	BHARETTA CINNAMOMEA.
	Bharetta cinnamomea, Moore, Proc. Zool. Soc. Lond. 1865, p. 820, pl. 43 fig. 6.
18 9 8	Genus Andraca. Andraca bipunctata.
1020.	Andraca bipunctata, Walker, Cat. Lep. Het. B. M. xxxii, p. 582, (1865). , Moore, Proc. Zool. Soc. Lond. 1865, p. 820.
	India.
1329.	Andraca trilochoides.
	Andraca trilochoides, Moore, Proc. Zool, Soc. Lond. 1865, p. 820. Waterhouse, Aid. ii, pl. 132, figs. 1, 2, (1883).*
	I. M., Sibsagar (Peal). Also recorded from Sikkim.
	Genus Cifuna.
1330.	CIFUNA LOCUPLES,
-	Cifuna locuples, Walker, Cat. Lep. Het. B. M. v. p. 1173, (1855). Butler, Ill. Typ. Lep. Het. ii, p. 18, pl. 27, fig. 6, (1878).
	Collection Swinhoe, Khasi Hills. Also recorded from Sylhet and Yokohama.
	Genus Trisula.
1331.	Trisula variegata.
	Trisula variegata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 420, pl. 12a, fig. 1; and pl. 22, figs. 1, 1a, 1b, (1859). Walker, Cat. Lep. Mus. Het. B. M. xxxii, p. 576.
••	(1865), Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404. Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305, pl. 21,
	fig. 7; and 1886, p. 440. Collection Swinhoe, Mhow, Poona, Bombay. Also recorded from Madras.

Genus Horanpella.

1332. HORANPELLA PLACIDA.

Horanpella placida, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 1, 1a, (1882). Ceylon.

Genus Clisiocampa.

1333. CLISIOCAMPA INDICA.

Clisiocampa indica, Walker, Cat. Lep. Het. B. M. vi, p. 1489, (1855). E. Indies.

Genus Chilona.

1334. CHILENA SIMILIS.

Chilena similis, Walker, Cat. Lep. Het. B. M. v. p. 1071, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).

Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Punjab, Sind.

1335. CHILENA STRIGULA.

Also recorded from Nepal.

Lasiocampa strigula, Walker, Cat. Lep. Het. B. M. xxxii, p. 563, (1865). Chilena strigula, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404, pl. 14, figs. 6, 6a, 6b.

S. India, Mhow.

Genus Hondella.

1336. Hondella juvenis.

Ptilomacra juvenis, Walker, Cat. Lep. Het. B. M. v, p. 1099, (1855). Hondella juvenis, Moore, Lep. Ceyl. ii, p. 144, pl. 137, fig. 4, (1882). Ceylon.

Genus Alompra.

1337. ALOMPRA FERRUGINEA.

Alompra ferruginea, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 33, fig. 8.

I. M., N. Khasi Hills, Sikkim (purchased).

Genus Pandala.

1338. PANDALA DOLOSA.

Pandala dolosa, Walker, Cat. Lep. Het. B. M. iv, p. 922, (1855).

Moore, Lep. Ceyl. ii, p. 140, pl. 134, fig. 5, (1882).

Ceylon.

Genus Gangarides.

1339. GANGARIDES DHARMA.

Gangarides dharma, Moore, Proc. Zool. Soc. Lond. 1865, p. 821, pl. 43, fig. 7.

I. M., Sikkim (purchased). Collection Swinhoe, Darjiling.

1340. GANGARIDES ROSEA.

Apona rosea, Walker, Cat. Lep. Het. B. M. xxxii, p. 513, (1865). Gaugarides rosea, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Genus Apha.

1341. APHA FLAVA.

Apha flava, Moore, Trans. Ent. Soc. Lond. 1884, p. 359. Nilgiri Hills.

1342. APIIA FLORALIS.

Apha floralis, Butler, Ill. Typ. Lep. Het. v, p. 64, pl. 94, figs. 5, 6, (1881). Collection Swinboe, Darjiling.

1343. Apha Lanuginosa.

Apha lanuginosa, Walker, Trans. Ent. Soc. Lond. Ser. 3, i, p. 83, (1°62-64).

Walker, Cat. Lep. Het. B. M. xxxii, p. 512, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

1344. APHA SUBDIVES.

Apha subdives, Walker, Cat. Lep. Het. B. M. v. p. 1180, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10a, fig. 4.

Proc. Zool. Soc. Lond. 1867, p. 681.

Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 94, figs. 7, 8, (1881).

I. M., Shilloug, Khasi Hills, Cherra.

Collection Swinhoe, Shillong, Khasi Hills.

Also recorded from Sylhet.

Genus Ganisa.

1345. GANISA PALLIDA.

Ganisa polldia, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, fig. ?, (1881).

I. M., Sikkim (purchased). Also recorded from Bhotan.

1346. GANISA PLANA.

Ganisa plana, Walker, Cat. Lep. Het. B. M. v.p. 1191, (1855).

Butler, Ill. Typ. Lep. Het. v. p. 66, pl. 96, figs. 4, 5, (1881).

Collection Swinhoe, Sylhet.

Also recorded from Sikkim.

1347. GANISA POSTICA.

Ganisa postica, Walker, Cat. Lep. Het. B. M. v, p. 1190, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10a, fig. 5, (1859).

Lep. Ceyl. ii, p. 137, pl. 133, fig. 3, (1882).

I. M., Kulu, (purchased).

Also recorded from Ceylon.

1348. GANISA SIMILIS.

Ganisa similis, Moore, Trans. Eut. Soc. Lond. 1884, p. 359. Darjiling.

Genus Apona.

1349. APONA CASHMIRENSIS.

Gastropacha ĉashmirensis, Kollar, Kaschmir Von Hügel, p. 472, pl. 21, fig. 4, (1848).

Collection Swinhoe, Simla.

Also recorded from Kashmir.

1350. APONA PALLIDA.

Apona pallida, Walker, Cat. Lop. Het. B. M. vii.lp. 1763, (1856).

Sikkim.

Moore, Proc. Zool. Soc. Lond. 1872, p. 579.

1351. Арока регимова.

Apona plumosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 579. Nilgiri Hills.

1352. APONA SHEVAROYENSIS.

Apona shevaroyensis, Moore, Trans. Ent. Soc. Lond. 1884, p. 373. Madras.
Allied to plumosa.

Genus Cricula.

1353. CRICULA DREPANOIDES.

Cricula drepanoides, Moore, Proc. Zeol. Soc. Lond. 1865, p. 817.

Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.

1354. CRICULA TRIFENESTRATA.

Attacus fenestra?, Linn., Syst. Nat. i. 2, 811, 9, (1767).

Attacus perspicua?, Linn. loc. cit., 10.

Bombyx fenestra?, Fabr., Sp. Ins. ii, 170, 18, (1781).

Bombyx perspicua?, Fabr., loc. cit., 171, 21, (1781).

Saturnia trifenestrata, Herr Schäff., Lep. Exot. Ser. i, pl. 17, fig. 80.

Helfer Journ. As. Soc., Beng. vi, 45, 10 (1837).

Euphranor multifenestrata, Herr Schäff., loc. cit., pl. 61, fig. 556.

Saturnia zulcika, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 1, (1848).

Cricula trifenestrata, Walker, Cat. Lep. Het. B. M. v, p. 1187; and p.

1196, (1855); and xxxii, p. 530, (1865).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 384, pl. 18, figs.

7 a, b, c, (1859).

Wardle's Wilk Silks of India, p. 7, (1881).

Antheræa zuleika, Walker, loc. cit., v, p. 1252, (1855).

I. M., Dacea (DeNiceville), Sikkim (purchased), Khasi Hills, Sibsagar, Cachar (Wood-Mason), Andaman Is, (purchased) Java (DeNiceville), no locality (Dumaine; (?) Capt. Hutton), Cocoons.

Collection Swinhoe, Darjiling, Khasi Hills, Shevaroy Hills.

Genus Tagora.

1355. TAGORA DISCREPANS.

Tagora discrepans, Moore, Trans. Ent. Soc. Lond. 1884, p. 360. Empterote discrepans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304. Collection Swinhoe, Bombay, Canara.

1356. TAGORA GLAUCESCENS.

Collection Swinhoe, Sikkim.

1357. TAGORA MURINA.

Tagora murina, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).

Lep. Ceyl. ii, p. 142, pl. 136, fig. 2,(1882).

Ceylon.

1358. TAGORA PANDYA.

* Tagora pandya, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1943, (1866).

Collection Swinhoe, Sylhet.

Allied to T. patula.

1359. TAGORA PATULA.

I. M., Sibsagar.

Also recorded from Sylhet.

1360. TAGORA UNDULOSA.

Tagora undulosa, Walker, Cat. Lep. Het. B. M. v, p. 1196, (1855). E. Indies.

Genus Sphingognatha.

1361. SPHINGOGNATHA KHASIANA.

Sphingognatha khasiana, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879). Khasi Hills.

1362. Sphingognatha pallida.

Jana pallida, Walker, Cat. Lep. Het. B. M. iv, p. 912, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sphingognatha asclepiades, Felder, Reise Novam Lep. iv, pl. 94, fig. 1, (1864-75)
Tagora pallida, Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 3, (1881).

Sylhet, Sumatra.

Genus Jana.

1363. JANA INCANDESCENS.

Jana incandescens, Walker, Cat Lep. Het B. M. iv, p. 910, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 71, pl. 98, fig. 5, (1881).

I. M., Sikkim (purchased).

1364. JANA SIGNIFERA.

Jana signifera, Walker, Cat. Lep. Het. B. M. iv, p. 911, (1855). N. India.

Genus Palirisa.

1365. PALIRISA CERVINA.

Jana cervina, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.

Walker, Cat. Lep. Het B. M. xxxv, p. 1917, (1866).

Palirisa cervina, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

I. M., a specimen with no history.

Recorded from Darjiling.

Part II.

1366. Palirisa lineosa.

Jana lineosa, Walker, Cat. Lep. Het. B. M. iv; p. 912, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 4, (1881).

Palirisa lineosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sylhet.

Genus Droata.

1367. DREATA HADES.

Dreata hades, Walker, Cat. Lep. Het. B. M. iv, p. 908, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Butler, Ill. Typ. Lep. Het. v, p. 70, pl. 97, fig. 7, (1881).

I. M., Shillong, N. Khasi Hills, Cherra.

Also recorded from Sylhet.

Genus Eupterote.

1368. EUPTEROTE AFFINIS.

Eupterote affinis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369. N. India.

1369. EUPTEROTE ALTERATA.

Eupterote alterata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

 M., Sikkim (purchased), Buxa (Moti Ram), Manbhum (Beavan).
 Collection Swinhoe, Darjiling.

1370. EUPTEROTE ANADA.

Dreata anada, Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 373, (1865).

Kanara.

1371. EUPTEROTE AURIFLUA.

Eupterote auriflua, Moore, Trans, Ent. Soc. Lond. 1884, p. 364. Malabar.

1372. EUPTEROTE CALIGINOSA.

Eupterote caliginosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 367. Jubbul pore.

1373. EUPTEROTE CANARAICA.

Kupterote canaraica, Moore, Proc. Zool. Soc. Lond. 1879, p. 410. Kanara. 1374. EUPTEROTE CASTANOPTERA.

Eupterote castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 365. Nepal.

1375. EUPTEROTE CINNAMOMEA.

Eupterote cinnamomea, Moore, Trans. Ent. Soc. Lond. 1884, p. 968. Kanara.

1376. EUPTEROTE CITRINA.

Dreata citrina, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

I. M., Sikkim (purchased).

Also recorded from Central India.

1377. EUPTEROTE CONSIMILIS.

Eupterote consimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 364. Darjiling.

1378. EUPTEROTE CONTAMINATA.

Eupterate contaminata, Moore, Trans. Ent. Soc. Lond. 1884, p. 263. Bombay.
Allied to E. imbecilis and E. taooensis.

1379. EUPTEROTE CUPREIPENNIS.

Eupterote cuprespennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 361. Madras.

1380. EUPTEROTE DECORATA.

Eupterote decorata, Moore, Trans. Ent. Soc. Lond. 1884, p. 369. Punjab.

1381. EUPTEROTE DIABOLICA.

Eupterote diabolica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303. Belgaum.
Allied to E. mutans.

1382. EUPTEROTE DIFFUSA.

Dreata diffusa, Walker, Cat. Lep. Het. B. M. xxxii, p. 374, (1865). Empterote diffusa, Moore, Lep. Ceyl. ii, p. 142, pl. 135, fg. 2, (1882). Ceylon.

1383. EUPTEROTE DISCORDANS.

Eupterote discordans, Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs 6, 7, Calcutta.

1384. Eupterote dissimilias.

Eupterote dissimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 368. Dehra Dhun.

1385. EUPTEROTE FABIA.

Bombyx fabia, Oliv., Enc. Meth. Ins. v, 38, 51.*

Phalæna fabia, Cramer, Pap. Exot. iii, pl. 250, fig. B, (1779).

Eupterote fabia, Hübn., Verz. Bek. Schmet., p. 187, 1933, (1816).

Dreata fabia, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855); and vii, p. 1742, (1856).

Coromandel.

Allied to E. mutans.

1386. EUPTEROTE GRISEIPENNIS.

Eupterote griseipennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 362. N. India.

1387. EUPTEROTE GYRA.

Eupterate gyra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303. Belgaum.
Allied to E. mulans.

1388, EUPTEROTE IGNAVUS.

Eupterote ignavus, Swinhoe, Proc. Zool. Sec. Lond. 1886, p. 449. pl. 41, fig. 1, 3.

Collection Swinhoe, Mhow, Allied to E. mulans.

1389. EUPTEROTE IMBECILIS.

Dreata imbecilis, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).

Eupterote imbecilis, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, fig. 2, (1881).

N. India.

1390. EUPTEROTE IMMUTATA.

Eupterole immutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366. Nepal.

1391. EUPTEROTE INVALIDA.

Allied to E. taooensis.

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Eupterote invalida, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, figs. 3, 4, (1881).

1. M., Calcutta (DeNiceville), Burrakur, Kulu (purchased).

Also recorded from Darilling.

1392. EUPTEROTE LATIVITTATA.

Eupterote lativittata, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Bombay.

Allied to E. canaraica.

1393. EUPTEROTE LUCIA.

Eupteroto lucia, Butler, Ann. Mag. Nat. Hist. (5), xvi, p. 346, pl. 8, fig. 4, (1885).

I. M., Shillong, Cherrapunji.

1394. EUPTEROTE MOLLIFERA.

Dreata mollifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865). Tagora antherwata, Walker, loc. cit., p. 512. Bomochroa (sie) ornata, Felder, Reise Novara, iv, pl. 94, fig. 3, (1864-75). Collection Swinhoe, Ceylon.

1395. Eupterote mollis.

Eupterate mollis, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Swinboe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinboe, Bombay, Nilgiris.

1396. EUPTEROTE MUTANS.

Dreata mutans, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).

Empterote mutans, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 8, (1881).

Collection Swinhoe, Mirzapore.

Also recorded from Sikkim and the Philippine Is.

1397. EUPTEROTE NIGRICANS.

Emptorote nigricans, Moore, Trans. Ent. Soc. Lond. 1884, p. 365. Jubbulpore, Saugor.

*Allied to E. undata.

1398. EUPTEROTE NILGIRICA.

Euptorote nilgirica, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879). Nilgiri Hills.

1399. EUPTEROTE OCHRIPICTA.

Eupterote ochripicta, Moore, Proc. Zool. Soc. Lond. 1879, p. 4:6

Lep. Ceyl. ii, p. 141, pl. 136, figs. 1, 14, 1b, (1882).

Ceylon, Allied to E. fabia, 206

1400. EUPTEROTE PERMUTATA.

Eupterote permutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366. Bengal.

1401. EUPTEROTE PERSIMILIS.

Eupterote persimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 368. Calcutta.

1402. EUPTEROTE PETOSIRIS.

Phalana petosiris, Cramer, Pap. Exot. iv, pl. 397, fig. D, (1782). Dreata petosiris, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855). Coromandel.

1403. EUPTEROTE SIMILIS.

Eupterote similis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Poona.

Also recorded from Calcutta.

1404. EUPTEROTE SINUATA.

Fupterote sinuata, Moore, Trans. Ent. Soc. Lond. 1884, p. 363. Himalayas. Allied to E. undata.

1405. EUPTEROTE SUBDITA.

Eupterote subdita, Moore, Trans. Eut. Soc. Lond. 1881, p. 361. Jubbulpore.

1406. EUPTEROTE SUFFUSA.

Eupterote suffusa, Moore, Trans. Ent. Soc. Lond. 1884, p. 362. Jubbulpore.

1407. EUPTEROTE TAOOENSIS.

Dreata taooensis, Moore, Proc. Zool. Soc. Lond. 1878, p. 848, pl. 53, fig. 7. Tenasserim.

1408. EUPTEROTE TODARA.

Eupterote todara, Moore, Trans. Ent. Soc. Lond. 1884, p. 364. Nilgiri Hills.

1409. EUPTBROTE UNDANS.

Dreata undans, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).

Pachyjana undans, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 6, (1881).

EUPTEROTE UNDANS, -continued.

Eupterote undans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

I. M., Sibsagar.

Collection Swinhoe, Mahableshwar.

1410. EUPTEROTE UNDATA.

Bombyx undatus, Blanch., Jacq. Voy. Inde Zool. Ins. p. 23, pl. 1, fig. 8, (1844).

Dreata undifera, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).

Dreata undata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).

Walker, loc. cit., xxxii, p. 373, (1865).

Walker, loc. cil., xxxii, p. 373, (1865). Eupterote undata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

I. M., Buxa (Moti Ram), Sikkim (Barnes). Collection Swinhoe, Poona, Khandalla.

Also recorded from Belgaum and Madras.

1411. EUPTEROTE VARIEGATA.

Eupterote variegata, Moore, Trans. Ent. Sec. Lond. 1884, p. 362. Jubbulpore.

1412. EUPTEROTE VINOSA.

Eupterote vinosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 361. Jubbulpore.

Genus Spalyria.

1413. SPALYRIA ADOLPHEI.

Bombyx adolphei, Guer., Voy. Deless. Hist. Nat, p. 96, pl. 27, fig. 3, (1843). Lasiocampa adolphei, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855). Nilgiri Hills.

1414. SPALYRIA COLLARIS.

Bombye collaris, Guer., Voy. Deless. Hist. Nat., p. 95, pl. 27, fig. 2.(1843). Lasiocampa collaris, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855). Spalyria collaris, Moore, Trans. Ent. Soc. Lond. 1884, p. 370. Nilgiri Hills.

1415. SPALYRIA FLAVICOLLIS:

Bombyx flavicollis, Guer., Voy., Deless. Hist. Nat, p. 94, pl. 27, fig. 1, (1843). Lasiocampa flavicollis, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855). Collection Swinhoe, Ootacamund.

1416. SPALYRIA TESTACEA.

Dreata testacea, Walker, Cat. Lep. Het. B. M. iv, p. 906, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).

Eupterote testacea, Butler, Ill. Typ. Lep. Het. v, p. 67, pl. 97, fig. 1, (1881).

Spalyria testacea, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

I. M., Cachar (Wood-Mason), Shillong, Khasi Hills.

Also recorded from Sylhet.

Genus Murlida.

1417. MURLIDA FRATERNA.

Murlida fraterna, Moore, Trans. Ent. Soc. Lond. 1881, p. 371. Collection Swinhoe, India. Recorded from Darjiling.

1418. MURLIDA LINEOSA.

Genus Brachytera.

1419. Brachytera geminata.

Dreata geminata, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855). Brachytera geminata, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 2, 2a, (1882). Collection Swinhoe, Ceylon.

1420. BRACHYTERA PHALENARIA.

Brachytera phalænaria, Felder, Reise, Novara Lep. iv, pl. 95, fig. 1, (1864-75).

Moore, Lep. Ceyl. ii, p. 143, pl. 135, fig. 1, (1882).

Ceylon.

1421. BRACHYTERA PRIMULARIS.

Brachytera primularis, Moore, Trans. Ent. Soc. Lond. 1884, p. 371. Collection Swinhoe, Nilgiri Hills, N. Canara. Also recorded from the Shevaroy Hills.

Genus Sangatissa.

1422. SANGATISSA ALBIPARS.

Sangatissa albipars, Moore, Trans. Ent. Soc. Lond. 1881, p. 372. Collection Swinhoe, Bombay, North Canara. Allied to S. citrinula.

1423. SANGATISSA CITRINULA.

Dreata citrinula, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865). Sangatissa citrinula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304. Collection Swinhoe, Satara, Poona.

1424. SANGATISSA SUBCURVIFERA.

Dreata subcurvifera, Walker, Cat. Lep. Het. B. M. xxxii, 1. 375, (1865). Sangatissa subcurvifera, Moore, Lep. Ceyl. ii, p. 144, pi. 134, fig. 6, (1882).

I. M., Yunan.

Collection Swinhoe, Solun, Ceylon.

1425. SANGATISSA TRISERIATA.

Dreata triseriata, Butler, Proc. Zool. Soc. Lond. 1875, p. 393.

S. India.

Allied to S. subcurvifera.

Genus Messata.

1426. MESSATA ÆNESCENS.

Messata anescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 409. -Lep. Ceyl. ii, p. 139, pl. 134, fig. 1, (1882).

Ceylon.

Allied to M. plumipes.

1427. MESSATA CASTANOPTERA.

Messata castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 372. --- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Belgaum, Poona.

Also recorded from the Nilgiri Hills.

1428. MESSATA FLAVIDA.

Messata flavida, Moore, Trans. Ent. Soc. Lond. 1884, p. 372. Nilgiri Hills.

1429. Messata fraterna.

Messata fraterna, Moore, Proc. Zool. Soc. Lond. 1879, p. 409, pl. 34, fig. 6.

Bombay.

1430. MESSATA LINEATA.

Dreata lineata, Walker, Cat. Lop. Het. B. M. iv. p. 907, (1855). Messata lineata, Walker, loc. cit., v, p. 1108, (1855). Leptojana lincata, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 5, (1881). N. India.

1431. MESSATA PLUMIPES.

Dreata plumipes, Walker, Cat. Lep. Het, B. M. iv, p. 907, (1855). Messata rubiginosa, Walker, loc. cit., v, p. 1108, (1855). --- Moore, Lep. Coyl. ii, p. 138, pl. 133, figs. 5, 5a, (1882), Collection Swinhoe, Ceylon.

1432. MESSATA QUADRIFASCIATA.

Messata quadrifasciata, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.

Lep. Ceyl. ii, p. 139, pl. 134, fig. 3, (1882).

Collection Swinhoe, Ceylon.

1433. MESSATA SIMILIS.

Messata similis, Moore, Lep. Ceyl. ii, p. 139, pl. 133, fig. 4, (1882). Ceylon.

1434. MESSATA TRANSLATA.

Messata translata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304, pl. 21, fig. 5.

Collection Swinhoe, Satara, Nilgiri Hills, Poona.

1435. Messata tristis.

Stenoglene tristis, Felder, Reise Novara Lep., pl. 95. fig. 4, (1864-75), Messata tristis, Moore, Lep. Ceyl. ii, p. 139, pl. 134, fig. 2, (1882). Collection Swinhoe, Ceylon.

1436. Messata vialis.

Messata vialis, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.

Lep. Ceyl. ii, p. 139, pl. 134, fig. 4, (1882).

Ceylon.

Genus Nisaga.

1437. NISAGA MODESTA.

Nisaga modesta, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

Collection Swinhoe, Satara, Poona, Bombay.

1438. NISAGA SIMPLEX.

Nisaga simplex, Walker, Cat. Lep. Het. B. M. iv, p. 885, (1855).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

I. M., Shillong, Khasi Hills.

Collection Swinhoe, Satara, Poona.

Genus Syrastrina.

1439. Syrastrina minor.

Metanastria minor, Moore, Descr. Ind. Lep. Atk. i, p. 78, (1879). Syrastrina minor, Moore, Trans. Ent. Soc. Lond. 1881, p. 374. Darjiling.

Genus Lonodora.

1440. Lenodora fasciata.

Lenodora fasciata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374. Nilgiri Hills.

1441, LENODORA FUSCA.

Lenodora fusca, Moore, Trans. Ent. Soc. Lond. 1884, p. 374. Bombay.

1442. LENODORA SIGNATA.

Lenodora signata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374. Dehra Dhun.

1443. LENODORA SUBCOSTALIS.

Miresa subcostalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865). Lenodora subcostalis, Moore, Lep. Ceyl. ii, p. 145, pl. 137, figs. 3, 3a, 3b, (1882). Ceylon.

1444. LENODORA VITTATA.

Lasiocampa vittata, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).

Lenodora vittata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

Collection Swinhoe, Pcona.

Also recorded from N. India, Madras,

Genus Gastropacha.

1445. GASTROPACHA CASCHMIRENSIS.

Gastropacha caschmirensis, Kollar, Kaschmir, Von Hugel, p. 472, pl. 21, fig. 4, (1848).

Walker, Cat. Lep. Het. B. M. vi, p. 1398 (1855).

1446. GASTROPACHA DIVARICATA.

Gastropacha divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374. Darjiling.

1447. GASTROPACHA SIKKIMA.

Gastropacha sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879). Darjiling.

1448. GASTROPACHA SINUATA.

Gastropacha sinuata, Moore, Deser. Ind. Lep. Atk. i, p. 76, (1879). Darjiling.

1449. GASTROPACHA SULPHUREA.

Gustropacha sulphurca, Kollar, Kaschmir Von Hagel, p. 471, (1848).

Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).

Mussooree.

1450. GASTROPACHA TORRIDA.

Gastropacha torrida, Moore, Descr. Ind. Lep. Atk. i, p. 76, pl. 3, fig. 19, (879).

Darjiling.

1451. GASTROPACHA UNDULIFERA.

Gastropacha undulifera, Walker, Cat. Lep. Het. B. M. vi, p. 1395, (1855).
N. India.

Genus Trabala.

1452. TRABALA IRRORATA.

Trabala irrorata, Moore, Trans. Ent. Soc. Loud. 1884, p. 375. I. M., Mergui (Anderson). Also recorded from Java.

1453. TRABALA LÆTA.

Amydona lâta, Walker, Cat. Lep. Het. B. M. vi, p. 1416, (1855).

Trabala læta, Walker, loc. cit., vii, p. 1785, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. xiia, figs. 7, 7a, (1859).

I. M., specimens. with no history.

Collection Swinhoe, Dharmsala.

Also recorded from Sylhet and Java.

1454. TRABALA MAHANANDA.

Trabala mahananda, Moore, Proc. Zool. Soc. Lond. 1865, p. 821. Bengal.

1455. TRABALA VARIA.

Amydona varia, Walker, Cat. Lep. Het. B. M. vi, p. 1414, (1855). Travala varia, Walker, loc. cit., vii, p. 1785, (1856).

Sylhet, W. Africa.

1456. TRABALA VISHNU.

Gastropacha vishnou, Lefebvre, Zool. Journ. iii, p. 207, (1827).*	
Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).	
Piepers & Snellen, Tijd. Ent. xx, p. 21, (1877).	
Amydona basalis, Walker, loc. cit., vi, p. 1415, (1855).	
Amydona prasina, Walker, loc. cit., vi, p. 1417, (1855).	
Amydona pullida, Walker, loc. cit., vi, p. 1417, (1855).	
Trabala basalis, Walker, loc. cit., vii, p. 1785, (1856).	
Trabala prasina, Walker, loc. cit., vii, p. 1785, (1856).	
Trabala pallida, Walker, loc. cit., vii, p. 1785, (1856).	
Trabala vishnu, Moore, Cat. Lep. Mus. E. I. C. ii, p. 425, pl. 22, figs. 3,	}a
3b, (1859).	
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(1882).	

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TRABALA VISHNU, -continued.

Trabala vishnu, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Khasi Hills, Sikkim (Barnes), Sibsagar (Peal), Calcutta (DeNiceville), Cherra, Cachar (Wood-Mason), Shillong, Silchar (Wood-Mason), Kulu (purchased), Andaman Islands (purchased), Java (DeNiceville).

Collection Swinhoe, Bhotan, Bombay, Simla, Sylhet, Nil-

giris, Murrec.

Also recorded from Ceylon and Hongkong.

Showing a large range of variation.

Genus Lebeda.

1457. LEBEDA ACONYTA.

Phalona aconyta, Cramer, Pap. Exot. ii, pl. 131, fig. A, (1777).

Bombyx quadricineta, Fabr., Mant. Ins. ii, p. 111, 44.

Ent. Syst. iii, 1, 422, 50.

Metanastria aconyta, Hüb., Verz. Bek. Schmett., p., 186, 1917, (1816).

Dirphia aconyta, Walker, Cat. Lep. Het. B. M. vi, p. 1370, (1855).

Lasiocampa trifascia, Walker, loc. cit., vi, p. 1439, (1855).

Lasiocampa substriyosa, Walker, loc. cit., vi, p. 1441, (1855).

Lasiocampa aconyta, Moore, Cat. Lep. Mus. E. I. (1859).

Walker, loc. cit., xxxii, p. 560, (1865).

Collection Swinhoe, Sikkim. Also recorded from Canara.

1458. LEBEDA BUDDHA.

Bombyx buddha, \$\(\), Lefebvre, Zool. Journ. iii, 209, (1827).*

Bombyx brahma, \(\), Lefebvre, loc. cit., iii, p. 208, (1827).*

Lasiocampa brahma, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).

Lasiocampa buddha, Walker, loc. cit., vi, p. 1444, (1855).

Lebeda plagiata, Walker, loc. cit., vi, p. 1464, (1855).

Lebeda buddha, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12a, figs. 2, 2a, (1859).

Walker, loc. cit., xxxii, p. 568, (1865).

Forsayeth, Trans. Eut. Soc. Lond. 1884, p. 407, pl. 15, figs. 3, 3a, 3b,

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Sibsagar (Peal), Cherra, Darbhanga (Maries). Collection Swinhoe, Bombay, Mhow, Sikkim. Also recorded from Ceylon.

1459. LEBEDA FASCIATA.

Lebeda fasciata, Moore, Trans. Ent. Soc. Lond. 1884, p. 375. Khasi Hills.

1460. LEBEDA FULGENS.

Lebeda fulgens, Moore, Deser. Ind. Lep. Atk. i, p. 81, (1879). Darjiling.

1461. LEBEDA LIDDERDALII.

Lebeda liddordalii, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 1, 2, (1881).

1462. LEBEDA LINEATA.

Lebeda lineata, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879). Darjiling.

1463. LEBEDA LUSCA.

1464. LEBEDA NANDA.

Lebeda nanda, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12a, fig. 3, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 568, (1865).

I. M., Sikkim (purchased).

1465. LEBEDA NOBILIS.

Lebeda nobilis, Walker, Cat. Lep. Het. B. M. vi, p. 1456, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).

Butler, Ill. Typ. Lep. Het. v, p. 74, pl. 100, figs. 5, 6, (1881).

I. M., Sikkim (purchased), Cherra.

Collection Swinhoe, Sylhet, Kasauli.

1466. LEBEDA OPPONENS.

Lebeda opponens, Walker, Cat. Lep. Het. B. M. vi, p. 1462, (1855). N. India.

1467. LEBEDA PLACIDA.

Lebeda placida, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879). Collection Swinhoe, Darjiling, Shillong.

1468. LEBEDA PLAGIFERA.

Lebeda plagifera, Walker, Cat. Lep. Het. B. M. vi, p. 1459, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 73, pl. 99, fig. 5, (1881).

I. M., Sikkim (purchased).

C. Hestion Sociales. Sociales

Collection Swinhoe, Darjiling, Simla. Also recorded from Nepal.

1469. LEBEDA RECTA.

Lebeda recta, Walker, Cat. Lep. Het. B. M. vi, p. 1461, (1856). N. India.

1470. LEBEDA REPANDA.

Lebeda repanda, Walker, (Part), Cat. Lep. Het. B. M. vi, p. 1460, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 1, 2, (1886).

Sylhet, Nepal, Ceylon.

1471. LEBEDA STIGMATA.

Lebeda stigmata, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 3, 4, (1881).

I. M., Sikkim (purchased).

Allied to L. placida.

1472. LEBEDA UNDANS.

Lebeda undans, Walker, Cat. Lep. Het. B. M. vi, p. 1458, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

Sylhet.

1473. LEBEDA VARIEGATA.

Lebeda variegata, Moore, Ann. Mag. N. U. (4), xx, p. 347, (1877).

Lep. Ceyl, ii, p. 151, pl. 139, fig. 1, (1882).

Collection Swinhoe, Ceylon.

1474. LEBEDA VINATA.

Lebeda vinata, Moore, Proc. Zool. Soc. Lond. 1865, p. 820. Darjiling.

1475. LEBEDA VULPINA.

Lebeda vulpina, Moore, Deser. Ind. Lep. Atk. i, p. 81, (1879). Darjiling.

Genus Arguda.

1476. Arguda decurtata.

Arguda decurtata, Moore, Descr. Ind. Lep. Atk. i, p. 70, 1879. Darjiling.

Genus Radhica.

1477. RADUICA PLAVOVITTATA.

Radhica flavovittata, Moore, Descr. Ind. Lep. Atk. i, p. 79, (1879). Naini Tal, Dharmsala.

Genus Mahanta.

1478. MAHANTA QUADRILINEA.

Mahanta quadrilinea, Moore, Descr. Ind. Lep. Atk. i, p. 78, pl. 3, hg. 20, (1879).

Darjiling.

Genus Chatra.

1479. CHATRA GRISEA

Chatra grisea, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879). Cherrapunji, Khasi Hills.

Genus Trichiura.

1480. TRICHIURA KHASIANA.

Trichiura khasiana, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 21, (1879).

Genus Mustilia.

1481. MUSTILIA CASTANEA.

Mustilia castanca, Moore, Deser. Ind. Lep. Atk. i, p. 82, (1879). Darjiling.

1482. MUSTILIA FALCIPENNIS.

Mustilia falcipennis, Walker, Cat. Lep. Het. B. M. xxxii. p. 581, (1865); and xxxv, p. 1949, (1866).

Darjiling.

1483. Mustilia heparica.

Mustilia hepatica, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 18, (1879).

Darjiling.

1484. Mustilia spilingiformis.

Mustilia sphingiformis, Moore, Proc. Zool. Soc. Lond. 1879, p. 407, pl. 33, fig. 4.

Collection Swinhoe, Sikkim, Sibsagar.

Also recorded from Mussooree.

Genus Kosala.

1485. Kosala sanguinea.

Kosala sanguinea, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 33, fig. Khasi Hills.

Genus Eutricha.

1486. Eutricha cheela.

Entricha checlu, Moore, Proc. Zool. Soc. Lond. 1879, p. 498. Dharmeala.

1487. EUTRICHA FLAVOSIGNATA.

Eutricha flavosignata, Moore, Descr. Ind. Lop. Atk. i, p. 77, pl. 3, fig. 17, (1879).

Darjiling.

Genus Lasiocampa.

1488. LASIOCAMPA BHIRA.

Lasiocampa bhira, Moore, Proc. Zool. Soc. Lond. 1879, p. 410, pl. 34, fig. 2.

Dharmsala.

1489. LASIOCAMPA DECISA.

Lasiocampa decisa, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855). E. Indies.

1490. LASIOCAMPA SUBPARALLELA.

Lasiocampa subparallela, Walker, Cat. Lep. Het. B. M. xxxii, p. 562, (1865).

India.

Genus Odonestis.

1491. ODONESTIS AMPLA.

Odenestis (sic) ampla, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855). Odonestis ampla, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 3, 4, (1881).

Lebeda ferruginea, Walker, loc. cit., p. 1458, (1855); and xxxii, p. 568, (1865).

- Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).

I. M., Sikkim (purchased), Cherrapunji.

Collection Swinhoe, Cherrapunji. Also recorded from Sylhet.

1492. Odonestis Bheroba.

Odonestis bheroba, Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. 12a, fig. 5, (1859).

Odenestis (sic) bheroba, Walker, Cat. Lep. Het. B. M. xxxii, p. 553, (1865).

Darjiling.

1493. ODONESTIS DIVISA.

Odonestis divisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.

Lep. Ceyl. ii, p. 150, pl. 141, fig. 2, (1882).

Ceylon.

1494. Odonestis inobtrusa.

Lasiocampa inobtrusa, Walker, Trans. Ent. Soc. Lond. (3), iii, p. 85, (1862-64).

Cat. Lep. Het. B. M. xxxii, p. 560, (1865).

Collection Swinhoe, Solun, Simla.

Part II.

1495. Odonestis latipennis.

Lebeda latipennis, Walker, Cat. Lep. Het. B. M. vi, p. 1457, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, pl. 22, figs. 2,

2a, (1859).

Proc. Zool. Soc. Lond. 1867, p. 685.

Odonestis latipennis, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 1, 2,

(1881).

Darjiling, Calcutta.

1496. Odonestis pyriformis.

Odonestis pyriformis, Moore, Proc. Zool. Soc. Loud. 1879, p. 408, pl. 34, fig. 7.

Mussooree.

1497. ODONESTIS SERVULA.

Phalæva servula, Drury, Ins. Exot. ii, p. 20, pl. 11, fig. 4, (1773).

Odonestis servula, Westw., Drury. ii, p. 22, pl. 11, fig. 4, (1837).*

Odenestis (sic) servula, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).

Madras.

1498. ODONESTIS SIGNATA.

Odonestis signata, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879). Darjiling.

Genus Estigona.

1499. ESTIGENA NANDINA.

Estigena nondina, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, (1859).

Lep. Ceyl. ii, p. 149, pl. 142, figs. 1, 1a, (1882).

Estigena naudina (sie), Walker, Cat. Lep. Het. B. M. xxxii, p. 568,(1865).

Gastropacha abstracta, Walker, loc. cit., p. 551, (1865).

Lebeda scriptiplaga, Walker, loc. cit., p. 569, (1865).

I. M., Mergui (Auderson), Kulu (purchased), Sikkim (purchased), Akra (Cleghorn).
 Collection Swinhoe, Simla, Bombay.
 Also recorded from Ceylon.

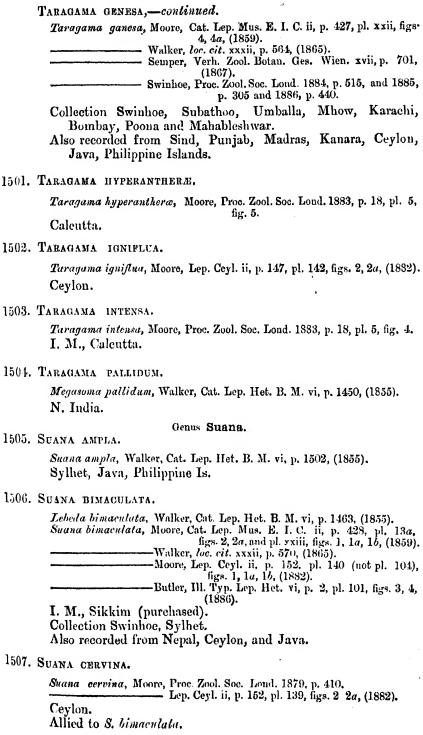
Genus Taragama.

1500. TARAGAMA GANESA.

Bombyx gancsa, Lefebvre, Zool. Journ. iii, p. 211, (1827).*
Bombyx siva, Lefebvre, loc. cit., p. 217.*
Lasiocampa siva, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).
Lasiocampa gancsa, Walker, loc. cit., p. 1444, (1855).

Megasoma venustum, Walker, loc. cit., p. 1449, (1855).

Forsayeth, Trans Ent. Soc. Lond. 1884, p. 406.
Megasoma albicans, Walker, loc. cit., p. 1450, (1855).



1508. SUANA CONCOLOR.

Lebeda concolor, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855). Collection Swinhoe, Sikkim.

Also recorded from Sylhet and Java.

Genus Pocilocampa.

1509. PIECILOCAMPA UNDULOSA.

Pacilocampa undulosa, Walker, Cat. Lep. Het. B. M. vi, p. 1477, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

I. M., Cherrapunji, Sibsagar. Collection Swinhoe, Nepal. Also recorded from Sikkim.

FAMILY PHALERIDÆ.

Genus Zana.

1510. ZANA LIGNOSA.

Zana lignosa, Walker, Cat. Lep. Het. B. M. vii, p. 1700, (1856).

Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 4, (1886).

Collection Swinhoe, N. India.

Genus Turnaca.

1511. TURNACA ACUTA.

Turnaca acuta, Walker, Cat. Lep. Het. B. M. xxxii, p. 454, (1865). Kanara.

Genus Menapia.

1512. MENAPIA KAMADENA.

Menapia kamadena, Moore, Proc. Zool. Soc. Lond. 1865, p. 812, N.-E. Bengal.

Genus Phalera.

1513. PHALBRA AMBOINE.

Acrosema amboinæ, Felder, Reise Novara, pl. 96, fig. 2, (1864-75). Phalera amboinæ, Sitzber, Akad. Wiss., p. 39, (1861). Sikkim.

1514. PHALERA ARENOSA.

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1515. PHALERA BOBI.

Phalera bobi, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 21, fig. 6. Collection Swinhoe, Bombay.

1516. PHALERA COSSOIDES.

Phalera cossoides, Walker, Trans. Ent. Soc. (3), i, p. 80, (1862-64).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

 M., Khasi Hills, Sikkim (Barnes), Calcutta (de Niceville), Sibsagar (Peal).
 Also recorded from Sylhet.

1517. PHALERA GROTEL.

1518. PHALERA PARIVALA.

Phalera parivala, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, (1859).

Butler, Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 2, (1886).

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim, Nilgiri Hills.

1519. PHALERA PROCERA.

Acrosema procera, Felder, Reise Novara, pl. 96, fig. 1, (1864-75). Sikkim.

1520. PHALERA RAYA.

Phalera raya, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).

Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 103, fig. 1, (1886).

I. M., Sikkim (Barnes).

Collection Swinhoe, Bombay, Sikkim, Simla, Nilgiris.

1521. PHALERA SANGANA.

Collection Swinhoe, Sikkim.

1522. PHALERA SIMILIS.

Endoclyta similis, Felder, Reise Novara, pl. 81, fig. 3, (1864-75). Himalayas.

1523. PHALERA STIGMIGERA.

Phalera stigmigera, Butler, Ann. Mag. N. H., (5), vi, p. 66, (1880).

111. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 5, (1886).

Bhotan.

1524. PHALERA TENEBROSA.

Phalera tenebrosa, Moore, Proc. Zool. Soc. Lond. 1865, p. 815. Darjiling.

Genus Ramesa.

1525. RAMESA APICALIS.

Ramesa apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 12, (1879).

Darjiling.

1526. RAMESA LIGNIFERATA.

Ramesa ligniferata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865). N. India.

1527. RAMESA TOSTA.

Ramesa tosta, Walker, Cat. Lep. Het. B. M. v, p. 1017, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 5, (not 15), (1886).

N. India.

Genus Callænia.

1528. CALLENIA ELONGATA.

Callania elongata, Butler, Ann. Mag. N. H. (5) vi, p. 67, (1880).

Ill. Typ. Lep. Het. vi, p. 11, pl. 103, fig. 7, (1886).

Collection Swinhoe, Simla. Also recorded from Sikkim.

1529. CALLENIA PULLATA.

Callania pullata, Moore, Proc. Zool. Soc. Lond. 1881, p. 358. Dalhousie.

Genus Hyperæschra.

1530, HYPERÆSCHRA PALLIDA.

Hyperæschra pallida, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).

11l. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 6, (1886).

Darjiling, Singapore.

Family SATURNIIDÆ.

Genus Actias.

1531. ACTIAS IGNESCENS.

Actias ignescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.

Wardle's Wild Silks of India, p. 5, (1881).

Andaman Is.

1532. ACTIAS LETO.

Saturnia leto, Doubleday, Proc. Ent. Soc. Lond. v, p. li, pl. 15, (1847-49).

Tropæa leto, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).

Actias leto, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Massen, Beitr. Schmett. i, fig. 10, (1869).*

Moore, Wardle's Wild Silks of India, p. 5, (1881).

L. M. Silvagar, (Poul) Buya (Moti Ram), Silvagar (pourchased).

I. M., Sibsagar (Peal), Buxa (Moti Ram), Sikkim (purchased). Also recorded from the Khasi Hills.

1533. ACTIAS MÆNAS.

1534. Actias selene.

Echidna selenc, Hübner, Samml. Exot. Schmett. i, pl. 172, p. 3. (1806-19).*Phalana Attacus luna, Cramer, Pap. Exot. i, pl. 31, figs. A, B, (1775), (nec Drury). Actias selene, Macleay, Zool. Miscl. ii, pl. 70, (1815).* -Moore, Cat. Lep. Mus. E. I. C. ii, p. 400, pl. 19, figs. 3, 3a, (1859). - Wardle's Wild Silks of India, p. 5, pl. 13, fig. 1, and pl. 14, (1881). Lep. Ceyl. ii, p. 123, pl. 126, figs. 1, 1a, (1882).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306. Tropwa selene, Hübn., Verz. Bek. Schmett., p. 152, (1816). - Walker, Cat. Lep. Het B. M. vi, p. 1262, (1855). Plectropteron diana, Hutton, Ann. Mag. N. H. xvii, p. 60, (1846). - Trans. Ent. Soc. Lond. v, p. 45, pl. 5, fig. 11, (1847-19). Plectropteron selene, Hutton, Trans. Ent. Soc. Lond. v, p. 85, (1847-49).

I. M., Sikkim (Barnes), Khasi Hills (Chennel), Shilleng, Sylhet, Sibsagar (Peal).

Collection Swinhoe, Simla, Belgaum, Darjiling, Matheran. Also recorded from Cevlon and China.

Genus Attacus.
1535. Attacus atlas.
Phalana atlas, Linn., Mus. Lud-Ulr, p. 366, (1764). Syst. Nat. i, ii, p. 808, (1767).
Cramer, Pap. Exot. iv, pl. 381, fig. C., and pl. 382,
fig. A, (1781), also i, pl 9, fig. A, var., (1775). Bombyx atlas, Fabr., Syst. Ent. 1, p. 556, (1775). Sp. Ins. ii, p. 167, (1781). Mant. Ins. ii, p. 108, (1787).
Ent. Syst. iii, i, p. 407, (1793) ———————————————————————————————————
Moore, Cat. Lep. Mus. E. I. C. ii, p. 405, pl. xx, figs. 2, 2a, (1859). Moore, Wardle's Wild Silks of India, p. 4, pls. 9, 10, (1881).
Saturnia silhetica, var., Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).
I. M., Sylhet, Sibsagar (Moti Ram), Cachar (Hutton?), Mussocree (Hutton?), Almora (Hutton?), Sikkim (Barnes), Buxa (Moti Ram), Perak (purchased), Johore.
Collection, Swinhoe, Belgaum, Nilgiri Hills, Darjiling, Khan-dalla.
Also recorded from Ceylon and Java.
1536. Attacus canningii.
Attacus canningii, Walker, Cat. Lep. Het. xxxii, p. 525, (1865). Moore, Wardle's Wild Silks of India, p. 5, (1881).
NW. Himalayas.
1537. ATTACUS CYNTHIA.
Phalana (Attacus) cynthia, Drury, Exot. Ins. ii, pl. 6, fig. 2, (1773). Cramer, Pap. Exot. i, pl. 39, fig. A, (1775).
Bombyx cynthia, Oliv., Enc. Meth. v, 39, 26. Samia cynthia, Hübn., Verz. Bek. Schmett., p. 156, 1629, (1816).
Phalana cynthia, Roxburg, Trans. Linn. Soc. Lond. vii, p. 42, pl. 3. Helfer, Journ. As. Soc. Beng. vi, p. 45, pl. 5, (1837).
Saturnia cynthia, Westw., Ed. Drury. ii, p. 12, pl. 6, fig. 2, (1837).* Attacus cynthia, Walker, Cat Lep. Hot. B. M. v, p. 1220, (1855). Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, pl. 20, figs. 3,
3a, (1859). Wardle's Wild Silks of India, p. 4, pl. 19, figs.
I. M., Sikkim (Barnes), Buxa (Moti Ram), Simla, Sibsagar
(Peal), Cachar (Hutton), Shillong, Sylhet. Collection Swinhoe, Simla, Nilgiri Hills.
Also recorded from Java, China, and Tasmania.
13.50 Toolided 1.0m wave, Online, and Tasmania.
1538. Attacus edwardsii.
Attacus edwardsii, White, Proc. Zool. Soc. Lond, 1859, p. 115, pl. 57. Moore, Cat. Lep. Mus. E. I. C. ii, p. 406, (1859).
Walker, Cat. Lep. Het. B. M. xxxii, p. 524, (1865). Butler, Ill. Typ. Lep. Het. (v), p. 60, pl. 92, 93,(1881). Moore, Wardle's Wild Silks of India, p. 4, (1881).
moore, wardles wild sliks of India, p. 4, (1002).

1. M., Shillong, Sikkim (Barnes). Allied to A. atlas.

1539. ATTACUS GUERINI.

Attacus guerini, Moore, Proc. Zool. Soc. Lond. 1859, p. 269, pl. 65, fig. 3.

Cat. Lep. Mus. E. I. C. ii, p. 409, (1859).

Walker, Cat. Lep. Het B. M. xxxii, p. 525, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Wardle's Wild Silks of India, p. 5, (1881).

Bengal.

1540. ATTACUS OBSCURUS.

Attacus obscurus, Butler, Trans Ent. Soc. Lond. 1879, p. 5.

Moore, Wardle's Wild Silks of India, p. 5, (1881).

Cachar.

1541. ATTACUS RICINI.

I. M., Dinajpur, Kalliganj, Sibsagar (Peal), Bengal (Hutton?). Also recorded from Ceylon and China. Allied to A. cynthia.

1542. ATTACUS SILHETICA.

Saturnia silhetica, Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837). Attacus silhetica, Moore, Wardle's, Wild Silks of India, p. 4, (1881). Sylhet, Dacca.

1543. ATTACUS TAPROBANIS.

Attacus taprobanis, Moore, Lep. Ceyl. ii, p. 124, pl. 127, figs. 1, 1a, (1982).

Ceylon.

1541. ATTACUS VESTA.

Attacus vesta, Walker, Cat. Lep. Het. B. M. xxxii, p. 525, (1865). India.

Genus Saturnia.

1545. SATURNIA ANNA.

Saturnia anna, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.

1546. SATURNIA CIDOSA. Saturnia cidosa, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 423, pl. 22, fig. 2, (1864-66).-Proc. Zool. Soc. Lond. 1867, p. 684. -Wardle's Wild Silks of India, p. 7, (1881). Sikkim. 1547. SATURNIA GROTEI. Saturnia grotei, Moore, Proc. Zool. Soc. Lond. 1859, p. 265, pl. 65, fig. 2. — Cat. Lep. Mus. E. I. C. ii, p. 404, (1859). - Walker, Cat. Lep. Het. B. M. xxxii, p. 530, (1865). - Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, figs. 3, 4, (1881).- Moore, Wardle's Wild Silks of India, p. 7, (1881). I. M., Kulu (purchased). Collection Swinhoe, Simla, Thibet. 1548. SATURNIA IQLE. Saturnia icle, Westw., Proc. Zool. Soc. Lond. 1881, p. 144, pl. 12, fig. 1. Assam. 1549. SATURNIA LINDIA. Saturnia lindia, Moore, Trans. Eut. Soc. Lond. (3), ii, p. 424, pl. 22, fig. 3. (1864-66). - Proc. Zool. Soc. Lond, 1867, p. 684. - Wardle's Wild Silks of India, p. 7, (1881). Sikkim. Allied to S. Grotei. 1550. SATURNIA PYRETORUM. Saturnia pyretorum, Westw., Cab. Or. Ent. p. 49, pl. 24, fig. 2, (1848). -Walker, Cat. Lep. Het. B. M. vi, p. 1273, (1855). -Moore, Proc. Zool. Soc. Lond. 1867, p. 684. Asia. Genus Neoris. 1551. NEORIS HUTTONI. Neoris huttoni, Moore, Trans. Ent. Soc. Lond. iii, i, p. 321, (1862-64). - Wardle's Wild Silks of India, p. 6, 1881. Collection Swinhoe, Simla. Also recorded from Mussooree. 1552. NEORIS SHADULLA. Neoris shadulla, Moore, Proc. Zool. Soc. Lond. 1872, p. 577. Wardle's Wild Silks of India, p. 7, (1881).

Yarkand.

1553. NEORIS STOLICZKANA.

Suturnia stoliczkana, Felder, Reise Novara Lep. iv, pl. 87, fig. 3, (1864-75).Neoris stoliczkana, Moore, Wardle's Wild Silks of India, p. 7, (1881). Ladak.

Genus Loepa.

1554. LOEPA KATINKA.

Saturnia katinka, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 2, (1848). Antheraa katinka, Walker, Cat. Lep. Het. B. M. v. p. 1251, (1855). Loepa katinka, Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, pl. 20, figs. 1, 1a, (1859).- Walker, loc. cit., xxxii, p. 530, (1865). - Moore, Wardle's Wild Silks of India, p. 7, (1881). Collection Swinhoé, Simla, Darjiling, Java. Also recorded from Assam.

1555. LOEPA MIRANDA.

Loepa miranda, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, (1864-66). Walker, Cat. Lep. Het. B. M. xxxv, p. 1944, (1866). Moore, Proc. Zool. Soc. Lond. 1867, p. 684. -Wardle's Wild Silks of India, p. 7, (1881). Antherwa miranda, Moore, Proc. Zool. Soc. Lond. 1865, p. 818. I. M., Sibsagar, Sikkim (purchased), Shillong. Closely allied to L. kalinka.

1556. LOEPA SIKKIMA.

Loepa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 818. - Wardle's Wild Silks of India, p. 7, (1881). I. M., Sikkim (purchased). Collection Swinhoe, Darjiling.

1557. LOEPA SIVALICA.

Loepa sivalica, Moore, Wardle's Wild Silks of India, p. 7, (1881). Mussoorce.

Genus Antherma.

1558. Antherea andamana.

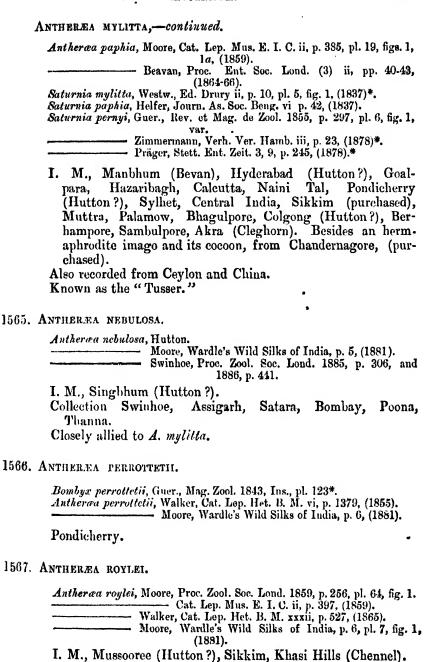
Antheræa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602. - Wardle's Wild Silks of India, p. 6, (1881). S. Andaman Is.

1559. Antherma assama.

Saturnia assama, Westw., Cab. Or. Ent., p 42, pl. 20, fig. 2, (1848). Saturnia assamensis, Helfer, Journ. As. Soc. Beng. vi, p. 43, (1837).

ANTHEREA ASSAMA, -conlinued. Antheræa assama, Walker, Cat. Lep. Het. v, p. 1249, (1855). Moore, Cat. Lep. Mus. E. I. C. ii, p. 398, pl. xix, figs. 2, 2a, (1859). Wardle's Wild Silks of India, p. 6, (1881) Antheræopsis assama, Wood-Mason, Annual Report, Indian Museum, p. 21, (1886). I. M., Dehra Dhun (Hutton?), Sibsagar, Gauhati (Mein). Also recorded from Ceylon. Known as the "Muga." 1560. Antheræa cingalesa. Antheræa cingalesa, Moore, Lep. Ceyl. ii, p. 122, pl. 125, figs. 1, 1a, 1b, (1882).Ceylon. 1561. ANTHEREA FRITHI. Antherea Ifrithi, Moore, Proc. Zool. Soc. Lond. 1859, p. 256, pl. 65, fig. 1. - Cat. Lep. Mus. E. I. C. ii, p. 396, (1859). Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865). Butler, Ill. Typ. Lep. Het. v, p. 59, pl. 91, fig. 8, (1881).- Moore, Wardle's Wild Silks of India, p. 6, (1881). I. M., Sikkim (purchased), Buxa (Moti Ram). Collection Swinhoe, Darjiling. 1562. Antherea helferi. Antheræa helferi, Moore, Proc. Zool. Soc. Lond. 1859, p. 257, pl. 64, fig. 2. - Cat. Lep. Mus. E. I. C. ii, p. 397, (1859). - Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865). - Moore, Wardle's Wild Silks of India, p. 6, (1881). I. M., Sikkim (Barnes). 1563. Antheræa mezankooria. Antheræa mezankooria, Moore, Wardle's Wild Silks of India, p. 5, (1881). Assam. 1564. Antherea mylitta. Phalæna (Attacus) mylitta, Drury, Ill. Exot. Ins. ii, pl. 5, fig. 1, (1773). Attacus mylitta, Blauch., Jacq. Voy. dans l'Inde, p. 24, pl. 3, figs. 1, 2, (1844).Bombyx mylitta, Fabr., Syst. Eut. p. 558, 6, (1775). -- Roxburgh, Trans. Linn. Soc. Lond. vii, p. 33, (1804). Antheræa mylitta, Hübn., Verz. Bek. Schmett. p. 152, 1589, (1816). Walker, Cat. Lep. Het. B. M. v, p. 1247, (1855), and vi, p. 1378, (1855). - Moore, Wardle's Wild Silks of India, p. 5, pl. 2, figs. 1, 2, (1881). - Aurivillius, Sv. Akad. Hand. xix, 5, p. 148, Note,

(1882).



1568. Antheræa simplicia.

Collection Swinhoe, Darjiling.

Antheræa simplicia, Massen & Weymer, Beitr. zur Schmett., pt. ii, p. 20, (1872)*.

E. Indies.

Genus Salassa.

1569. SALASSA LOLA.

Saturnia lola, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 3, (1848).

Antheræa lola, Walker, Cat. Lep. Het. B. M. v, p. 1252, (1855).

Salassa lola, Moore, Wardle's Wild Silks of India, p. 6, (1881).

Moore, Proc. Zool. Soc. Lond. 1859, p. 246.

Collection Swinhoe, Darjiling. Also recorded from Sylhet.

Genus Caligula.

1570. CALIGULA CACHARA.

Caligula cachara, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.

Wardle's Wild Silks of India, p. 6, (1881).

Cachar.

1571. CALIGULA SIMLA.

Saturnia simla, Westw., Cab. Or. Ent., p. 41. pl. 20, fig. 1, (1848).

Antheræa simla, Walker, Cat. Lep. Het. B. M. v, p. 1249, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, (1859).

Caligula simla, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Simla (DeNiceville), Mussooree (Hutton?), Khasi Hills.

1. M., Simla (DeNiceville), Mussooree (Hutton?), Khasi Hills, Collection Swinhoe, Simla, Kashmir.

1572. CALIGULA THIBETA.

Saturnia thibeta, Westw., Proc. Zool. Soc. Lond. 1853, p. 166.

Ann. Nat. Hist (2), xv, p. 302, (1855).

Antheræa thibeta, Walker, Cat. Lep. Het. B. M. v, p. 1250, (1855).

Caligula thibeta, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Wardle's Wild Silks of India, p. 6, (1881).

Darjiling, Thibet.

Closely allied to C. simla.

Genus Rinaca.

1573. RINACA EXTENSA.

Rinaca extensa, Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, fig. 2, (1881). Darjiling.

1574. RINACA ZULEIKA.

Saturnia zuleika, Hope, Trans. Linn. Soc. Lond. xix, p. 132, pl. 11, fig. 5, (1845).

Rinaca zuleika, Walker, Cat. Lep. Het. B. M. vi, p. 1275, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Massen & Weymer, Beitr. Zur Schmett ii, fig. 24, (1872.)*

Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).
 Collection Swinhoe, Simla, Darjiling.
 Also recorded from Sylhet.

Genus Rhodia.

1575. RHODIA NEWARA.

Rhodia newara, Moore, Proc. Zool. Soc. Loud. 1872, p. 578.

Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased). Also recorded from Nepal.

Genus Brahmma.

1576. BRAHMÆA CERTHIA.

Bombyx certhia, Fabr., Ent. Syst. iii, i, p. 412, 16, (1793). I. M., Sikkim (purchased), Shillong. Collection Swinhoe, Darjiling.

1577. BRAHMEA CONCHIFERA.

1578. Brahmea Rufescens.

Brahmæa rufescens, Butler, Ann. Mag. N. H. (5), vi, p. 62, (1880). N.-E. Bengal.

1579. BRAHMEA WALLICHII.

Brahmaa wallichii, Gray, Zool. Misc., p. 39, (1832).*

Lep. Ins. Nepal., pls. 15, 16, (1833).*

Bombys spectabilis, Hope, Trans. Linn. Soc. Lond. xviii, p. 443, pl. 31, fig. 3, (1841).

Brahmaa wallichii, Butler, Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs. 5, 6,

(1881).

Assam, Nepal.

1580. BRAHMÆA WHITEI.

Brahmæa	whitei,	Butler,	Proc. Zool,	Soc. L	ond. 180	66, p. 11	9. fig	. 2.	
		Massen	and Weymo	er, Bei	tr. zur. 8	chmett.	pt. ii	fig.	17.
					(1872).*		_	• • • • • • • • • • • • • • • • • • • •	
		Butler,	Ill. Typ. Le	p. He	t. v, p.	62, pl.	95,	figs. 1	. 2
			(1881),					.	., .,
		Moore,	Proc. Zool.	Sec. Le	ond. 186	7. p. 688	5.		٠.
Brahmæa	hearsey	, White	Proc. Ent.	. Soc. 1	ond. (3)	, i, p. 2	3, (18	362-64	i).
NW. I	ndia.								•

FAMILY COSSIDÆ.

Genus Cossus.

1581. Cossus abruptus.

Cossus abruptus, Walker, Cat. Lep. Het. B. M. xxxii, p. 584, (1865). India.

1582. Cossus cadambre.

Cossus cadambæ, Moore, Proc. Zool. Soc. Lond. 1865, p. 822. Calcutta.

1583. Cossus cashmirensis.

Cossus cashmirensis, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879). Kashmir.

Genus Zeuzera.

1584. ZEUZERA ACRONYCTOIDES.

Brachylia acronyctoides, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 4.

Swinboe, Proc. Zool. Soc. Lond. 1884, p. 515; 1885, p. 306; and 1886, p. 441.

Collection Swinboe, Karachi, Mhow, Bombay.

1585. Zeuzera albofasciata.

Zenzera (sic) albofasciata, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879). Darjiling.

1586. ZEUZERA ASYLAS.

Phalæna asylas, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. C, (1777). Hepialus scalaris, Fabr., Sp. Ius. ii, p. 208, 4, (1781).

Mant. Ins. ii, p. 135, 7, 1787).

Cossus scalaris, Fabr., Ent. Syst. iii, 2, p. 5, 5, (1794).

Morpheus scalaris, Hübn., Verz Bek Schmett., p. 196, 2005, (1816).

Zeuzera scalaris, Donov., Ins. India, p. 83, pl. 53, fig. 2, (1838).

Zeuzera asylas, Walker, Cat. Lep. Het. B. M. vii, p. 1538, (1856).

India, China.

I. M., Sikkim (Peters), Kulu (purchased).

1587. ZEUZERA BIVITTATA.

Zeuzera bivittata, Walker, Cat. Lep. Het. B. M. xxxii, p. 586, (1865). Collection Swinboe, Karachi.

1588. ZEUZERA COFFEZE.

Zenera (sic) coffeæ, Neitner, Obs. Enemies of Coffee in Ceylon, p. 21, (1861).*

Zeuzera coffeæ Moore, Lep. Ceyl. ii, p. 154, p. 143, figs. 1, 1a, 1b, (1882).

I. M., Cachar (Wood-Mason).

Also recorded from Ceylon.

1589. ZEUZERA CONFERTA.

Sylhet.

1590. ZEUZERA INDICA.

Zeuzera indica, Herr Schäffer, Lep. Exot. Spec. Nov. 1854, fig. 166.*

Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).

Zeuzera paucipunctata, Walker, Cat. Lep. Het. B. 17 vii, p. 1537, (1856).

Zenzera (sic) paucipunctata, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.

I. M., Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim.

Also recorded from Sylhet.

1591. ZEUZERA LEUCONOTA.

Zeuzera leuconota, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1859).

Zeuzera (sie) leuconota, Proc. Zool. Soc. Lond. 1867, p. 685.

Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 108, figs. 1, 2, (1886).

Hinnaya leuconota, Moore, Lep. Ceyl. ii, p. 152, pl. 143, figs. 3, 3a, (1882).

I. M., Sikkim, Simla, Calcutta (Thomas). Collection Swinhoe, Simla. Also recorded from Sylhet and Ceylon.

1592. ZEUZERA MINEUS.

Phalana (Bombyx) mineus, Cramer, Pap. Exot. ii, pl. 131, fig. D, (1777). Chalcidica minea, Hübn., Verz. Bek. Schmett., p. 197, 2011, (1816). Zeuzera minea, Donov., Ins. Ind., p. 82. pl. 53, fig. 1, (1838). Zeuzera mineus, Walker, Cat. Lep. Het. B. M. vii, p. 1535, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1855). Zeuzera viridicans, Eschscholtz, Kotz. Reise, p. 216, , fig. 29.*

M., Sylhet, Calcutta, Sikkim.
 Collection Swinhoe, India.
 Also recorded from Manilla and Java.

1593. ZEUZERA MULTISTRIGATA.

Zenzera (sie) multistrigata, Moore, Proc. Zool. Soc. Lond. 1881, p. 327. Zeuzera indica, Walker, (ueo Herr Schäff.), Cat. Lep. Het. B. M. vii, p. (1856).

Darjiling.

1594. ZEUZERA NIGRA.

Zenzera (sie) nigra, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877). Zenzera nigra, Moore, Lep. Ceyl, ii, p. 155, pl. 143, figs. 2, 2a, (1882).

Ceylon. Part 11.

1595. ZEUZERA PARDICOLOR.

Zenzera (sic) pardicolor, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879). Darjiling.

1596. ZEUZERA PUSILLA.

Zeuzera pusilla, Walker, Cat. Lep. Het. vii, p. 1538, (1856).
 Zenzera (sie) pusilla, Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, 9, (1886).
 I. M., Bangalore.

1597. ZEUZERA SIGNATA.

Zeuzera signata, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856). N. India.

1598. Zeuzera stigmatica.

Zenzera (sic) stigmatica, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879). Darjiling.

Genus Duomitus.

1599. DUOMITUS LIGNEUS.

Duomitus ligneus, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).

Ill. Typ. Lep. Het. vi, p. 29, pl. 108, fig. (1886).

I. M., Sikkim (purchased).

Also recorded from Nias.

Genus Phragmatœcia.

1600. PHRAGMATECIA FÆDA.

Phragmatæcia fæda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, pl 47, fig. 1. Collection Swinhoe, Karachi.

1601. PHRAGMATECIA MINOR.

Phragmatecia minor, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.
Collection Swinhoe, Mhow.
Also recorded from Sylhet.

1602. Phragmatæcia saccharum.

Phragmatacia saccharum, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879). Darjiling.

Genus Arbela.

1603. Arbela Quadrinotata.

Cossus quaturnotatus, Walker, Cat. Lep. Het. B. M. vii, p. 1521, (1856).

Arbela quadrinotata, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.

Lep. Ceyl. ii, p. 155, pl. 143, fig. 3, (1882).

Ceylon.

1604. ARBELA TESSELLATA.

Cossus tessellatus, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879). Arbela tessellata, Moore, Proc. Zool. Soc. Lond. 1879, p. 411. Calcutta.

1605. ARBELA TETRAONIS.

Arbela tetraonis, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 3.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.

Collection Swinhoe, Poona. Also recorded from Bombay.

FAMILY HEPIALIDÆ.

Genus Hepialus.

1606. HEPIALUS INDICUS.

Hepialus indicus, Walker, Cat. Lep. Het. B. M. vii, p. 1558, (1865). I. M., Simla, Sibsagar.

Collection Swinhoe, Solun.

1607. HEPIALUS MARCIDUS.

Hepialus marcidus, Butler, Ann. Mag N. H. (5), vi, p. 69, (1880).

Ill. Typ. Lep. Het. vi, p. 29, pl. 108, figs. 4, 5, (1886).

Darjiling.

1608. HEPIALUS MURINUS.

Hepialus murinus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Dharmsala.

1609. HEPIALUS NEPALENSIS.

Hepialus nepalensis, Walker, Cat. Lep. Het. B. M. vii, p. 1557, (1865). Moore, Cat. Lep. Mus. E. I. C. ii, p. 438, (1859).

Proc. Zool. Soc. Lond, 1867, p. 686.

Nepal, Sikkim.

1610. HEPIALUS PAUPERATUS.

Hepialus pauperatus, Walker, Cat. Lep. Het. B. M. xxxii, p. 593, (1865).

Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 108, figs. 6, 7, (1886).

India.

I. M., Kulu (Young).

1611. HEPIALUS SEXNOTATUS.

Hepialus sexnotatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413. Darjiling.

1612. HEPIALUS TAVOYANUS.

Hepialus tavoyanus, Moore, Journ. As. Soc. Beng. (55), 2, i, p. 98, (1886). I. M., Tavoy (Type-Moti Ram).

1613. HEPIALUS UMBRINUS.

Hepialus umbrinus, Moore, Descr. Ind. Lep. Atk. i, p. 88, (1879). Darjiling.

Genus Gorgopis.

1614. Gorgopis vilis.

Gorgopis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 596, (1865). N. India.

Genus Phassus.

1615. Phassus aböe.

Phassus aböe, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1851). - Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 1, (1886). Darjiling.

1616. PHASSUS ALBOFASCIATUS.

Phassus albefasciatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413, pl. 34, fig. 8.

Nilgiri Hills.

1617. Phassus chalybeatus.

Phassus chalybeatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412. Darjiling.

1618. Phassus damor.

Phassus damor, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859). -Butler, Ill. Typ. Lep. Het. vi, p. 31, pl. 109, fig. 3, (1886)-Darilling.

1619. PHASSUS MALABARICUS.

Phassus malabaricus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412. Kanara, Ootacamand.

1620. PHASSUS PURPURESCENS.

Phassus purpurescens, Moore, Lep. Ceyl. ii, p. 156, pl. 143, fig. 4, (1882).

I. M., Perak (purchased).

Also recorded from Ceylon.

1621. Phassus salsettensis.

Phassus salsettensis, Moore, Proc. Zool. Soc. Lond. 1879, p. 412, pl. 34; fig. 5.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.

Collection Swinhoe, Poona. Also recorded from Bombay.

1622. PHASSUS SIGNIFER.

Phassus signifer, Walker, Cat. Lep. Het. B. M. vii, p. 1568, (1856).

Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 2,(1886),

Sylhet, Ceylon, Borneo.

1623. Phassus undulifera.

Phassus undulifera, Walker, Char. Undescr Lep. Het. p. 102, (1869). Benares.

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FAMILY CYMATOPHORIDÆ.

Genus Thyatira.

1624. THYATIRA BATIS

CAN TO THE COURT DISTRICT
Phalana (Noctua) batis, Linn., Syst. Nat. Tom. i, pt. v, p. 2546, No. 97.
Noctua batis, Fabr., Sp. Ins. ii, p. 216, No. 42, (1781).
Mant. Ins. ii, p. 141, No. 56, (1787).
Ent. Syst. iii, 2, p. 30, No. 73, (1794). Esper., Schmett iv, pl. 86, figs. 6-8; and pl. 103, figs. 7-9.
Bork., Eur. Schmett iv, 159, 65.*
Hübn., Eur. Schmett. Noct. 4, pl. 62, (1806-18).
Strophia batis, Treit., Schmett Eur. 2, 162, 1.*
Thyatira batis, Hübn., Verz. Bek. Schmett, p. 236, No. 2355, (1816). Dup., Hist. Nat. Lep. France, vii, p. 46, pl. 103, fig. 3.*
Curtis, Brit. Ent. ii, pl. 12.*
Steph., Ill. Brit. Ent. Haust. iii, 43, 2.*
Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
I. M., Kulu (Young), Sikkim (purchased).
Collection Swinhoe, Simla.
Also recorded from Europe.
1625. Thyatira decorata.
Thyatira decorata, Moore, Proc. Zool. Soc. Lond. 1891, p. 328, pl. 37, fig. 1.
Descr. Ind. Lep. Atk. ii, p. 89, (1882).
Darjiling,
Genus Saronaga.
1626. Saronaga albicosta.

1

Thyatira albicosta, Moore, Proc. Zool. Soc. Lond. 1867, p. 45. Suronaga albicosta, Moore, Proc. Zool. Soc. Lond. 1881, p. 330. Darjiling.

Genus Gaurona.

1627. GAURENA FLORENS.

Gaurena florens, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865); and xxxv, p. 1953, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 47.

Thyatira florens, Butler, Ill. Typ. Lep. Het., pt. vi, p. 31, pl. 109, fig. 4. (1886).

I. M., Sikkim.

Collection Swinhoe, Sikkim.

Part III.

1628. GAURENA FLORESCENS.

Gaurena florescens, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865)
and 1953, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 47.

Thyatira florescens, Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 32, pl. 109, fig. 5, (1886).

I. M., Sikkim.

Genus Habrosyne.

1629. HABROSYNE ARMATA.

Habrosyne armata, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882). Khasi Hills.

1630. HABROSYNE INDICA.

Gonophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 44.

Waterhouse, Aid. i, pl. 9, (1880-82).

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1631. HABROSYNE PLAGIOSA.

Habrosyne plagiosa, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882). Collection Swinhoe, Darjiling.

1632. HABROSYNE SANGUINEA.

Habrosyne sanguinea, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882). Darjiling.

Genus Risoba.

1633. RISOBA BASALIS.

Risoba basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, (1882). Cherrapunji, Sikkim.

1634. RISOBA CONFLUENS.

Risoba confluens, Moore, Descr. Lep. Atk. ii, p. 92, (1882). Darjiling.

1635. RISOBA DIVERSIPENNIS.

Heliothis diversipennis, Walker, Cat. Lep. Het. B. M. xv, p. 1750, (1858). Risoba diversipennis, Moore, Proc. Zool. Soc. Lond. 1881, p. 329. Malacea, Singapore, North India.

1636. RISOBA LITERATA.

Risola literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 329. Nilgiri Hills.



Bolina obstructa, Walker, MS.

Risoba obstructa, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.

Lep. Ceyl. iii, p. 2, pl. 144, figs. 2, 2a, 2b, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

Collection Swinhoe, Mhow.

Also recorded from Calcutta and Ceylon.

1638. RISOBA PROMINENS.

Risoba prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 329. Khasi Hills, Malacca.

1639. RISOBA REPUGNANS.

Thyatira repugnans, Walker, Cat. Lop. Het. B. M. ix, p. 9, (1856).

Risoba repugnans, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.

Lep. Ceyl., vol. iii, p. 1, pl. 144, fig. 1, (1884).

Collection Swinhoe Caylon

Collection Swinhoe, Ceylon. Also recorded from North India.

1640. RISOBA VIALIS.

Risoba vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, pl. 4, fig. 1, (1882). Darjiling.

Genus Kerala.

1641. KERALA MULTIPUNCTATA.

Kerala multipunctata, Moore, Descr. Ind. Lep. Atk. ii, p. 93, pl. 4 fig., (1882).

Darjiling.

1642. KERALA PUNCTILINEATA.

Kerala punctilineata, Moore, Proc. Zool. Soc. Lond. 1881, p. 330.

Descr. Ind. Lep. Atk. ii, p. 92, (1882).

Darjiling.

Collection Swinhoe, Sikkim.

Genus Palimpsestis.

1643. PALIMPSESTIS ALTERNATA.

Palimpsestis alternatu, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. 37, fig. 2.

Descr. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.

Allied to P. ocularis of Europe.

1644. Palimpsestis cuprina.

Palimpscstis cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. '37, fig. 3.

Descr. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.

Genus Pitrasa.

1645. PITRASA VARIEGATA.

Pitrasa variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 2, (1882).

Darjiling.

1646. PITRASA VITELLINA.

Pitrasa vitellina, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 3, (1882), Darjiling.

Genus Tycracona.

1647. Tycracona obliqua.

Tycracona obliqua Moore, Descr. Ind. Lep. Atk. ii, p. 95, (1882). Cherrapunji, Darjiling.

1648. Tycracona transversa.

Tycracona transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 95, pl. 4, fig. 5, (1882).

Darjiling.

Genus Sydiva.

1649. Sydiva nigrogrisea.

Sydiva nigrogrisea, Moore, Descr. Ind. Lep. Atk. ii, p. 96, (1882). Darjiling.

Genus Osica.

1650. OSICA UNDULATA.

Osica undulata, Moore, Proc. Zool. Soc. London, 1867, p. 45. Bengal.

Genus Lazanda.

1651. LAZANDA FASCIATA.

Lazanda fasciata, Walker, Cat. Lep. Het. B. M. xxxii, p. 605, (1865). India.

FAMILY LEUCANIIDÆ.

Genus Auchmis.

1652. AUCHMIS SIKKIMENSIS.

Auchmis sikkimensis, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig 15.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).
Waterhouse, Aid. i, pl. 10, (1880-82).

I. M., Kulu (Young), Sikkim, Khasi Hills, Ootacamuud (Davison).

Collection Swinhoe, Kasauli, Nilgiri Hills, Thundiani (Punjab).

Genus Sosamia.

1653. SESAMIA FRATERNA.

Sesamia fraterna, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882). Allied to S. proscripta and S. inferens. Dharmsala.

1654. Sesamia inferens.

Leucania inferens, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Sesamia inferens, Moore, Lep. Ceyl. iii, p. 8, pl. 145, iig. 3, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447; and 1886, p. 441.

Collection Swinhoe, Bombay, Hydrabad (Sind). Also recorded from Ceylon and Mhow.

1655. SESAMIA PROSCRIPTA.

Leucania proscripta, Walker, Cat. Lep. Het., ix, p. 106. (1856).

Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

East Indies, Upper Burma.

Genus Loucania.

1656. LEUCANIA ABDOMINALIS.

Leucania abdominalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 338. Collection Swinhoe, Dharmsala, and Khandalla. Also recorded from Bengal.

1657. LEUCANIA ADUSTA.

Lencania adusta, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.

Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Manpuri, Darjiling, Khasi Hills.

1658. LEUCANIA ALBICOSTA.

Leucania albicosta, Moore, Proc. Zool. Soc. Lond. 1981, p. 338, pl. 37, fig.

10.
Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.
Allied to L. dharma.

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1659. LEUCANIA ALBISTIGMA.

Leucania albistigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 9.

Descr. Ind. Lep. Atk. ii, p. 101, (1882).

Darjiling.

1660. LEUCANIA BISTRIGATA.

Leucania bistrigata, Moore, Proc. Zool. Soc. Lond. 1881, p. 334, pl. 37. fig. 18. Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Darjiling.

Allied to L. decisissima.

1661. LEUCANIA BYSSINA.

Leucania byssina, Swinhoe, Proc. Zool. Soc. Loud. 1886, p. 442, pl. 40. fig. 6. Collection Swinhoe, Mhow.

1662. LEUCANIA CANARAICA.

Leucania canaraica, Moore, Proc. Zool. Soc. Lond. 1881, p. 339. Canara.

1663. LEUCANIA COLLECTA,

Leucania collecta, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856). - Butler, Proc. Zool. Soc. Lond. 1886, p. 379. - Ann. Mag. N. H. (5), xviii, p. 189, (1886).

Punjab, Campbellpore, Upper Burma,

1664. LEUCANIA COMPTA.

Leucania compta, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 8. - Descr. Ind. Lep. Atk. ii, p. 100, (1882). Pudda river.

1665. LEUCANIA CONSIMILIS.

Leucania consimilia, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 19. Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Collection Swinhoe, Solun. Also recorded from Sikkim.

Allied to L. decisissima.

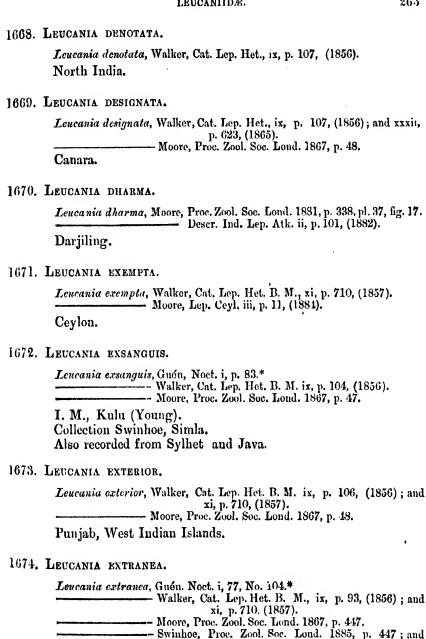
1666. LEUCANIA COSTALIS.

Leucania costalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 603, pl. 59, fig. 11. Andaman Is., Malabar, Sikkim.

1667. LEUCANIA DECISISSIMA. .

Leucania decisissima, Walker, Cat. Lep. Het. B. M. xxxii, p. 624, (1865). Leucania decissima (sic) Moore, Proc. Zool. Soc. Lond. 1867, p. 48. - Lep. Ceyl. iii, p. 10, (1884). Butler, Ill. Typ. Lep. Het. vi, p. 32, pl, 109, fig. 6, (1886).

Leucania nareda, Felder & R. Reise, Nov. Lep., pl. 109, fig. 9, (1864-75). I. M., Sibsagar (Peal), Sikkim, Andaman Is. (De Roepstorff). Collection Swinhoe, Sikkim. Also recorded from Sylhet and Ceylon.



Collection Swinhoe, Kasauli, Sikkim, Simla, Mhow, Poona, Bombay. Also recorded from America, New Zealand, Australia, China, * and all parts of India.

Leucania separata, Walker, Cat. Lep. Het. B. M. xxxii, p. 626, (1865). - Moore, Lep. Ceyl. iii, p. 9, (1884). I. M., Khasi Hills, Sibsagar, Kulu (Young), Shillong.

1886, p. 441.
-- Butler, Proc. Zool. Soc. London, 1886, p. 379.

1675. LEUCANIA GRISEOFASCIATA.

Leucania griseofasciata, Moore, Proc. Zool. Soc. Loud. 1881, p. 339. Dalhousie.

1676. LEUCANIA HAMIFERA.

Leucania hamifera, Walker, Journ. Linn. Soc. vi. p. 179, (1862).

Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 33, pl. 109, fig. 7, (1886).

Leucania exsanguis, var. (?), Walker (nec Guén.), Cat. Lep. Het. B. M. ix, p. 104, (1856).

North India, Sarawak, Borneo.

1677. LEUCANIA HOWRA.

1678. LEUCANIA LANCEATA.

Leucania lanccata, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.

Lep. Ceyl. iii, p. 10, pl. 145, fig. 5, (1884).

Ceylon.

Allied to L. decisissima.

1679. LEUCANIA LINEATIPES.

Leucania lineatipes, Moore, Proc. Zool, Soc. Lond. 1881, p. 335.

Cherrapunji.

Allied to \ddot{L} . impura of Europe.

Also recorded from Europe.

1680. LEUCANIA LOREYI.

Leucania loreyi, Dup., Hist. Nat. Lep. Fr. iv, p. 81, pl. 105, fig. 7, (1827).*
Frey, Neu Beitr Schmett iv, pl. 413.*
Boisd., Ind. Meth. 133, 1060.
Guén., Ann. Soc. Ent. Fr. vi, p. 341, (1837).*
- Noct. i, 84, 121.*
Herr Schäff., Eur. Schmett. ii, 233, 155*.
314.*
Walker, Cat. Lep. Het. B. M. ix, p. 84, (1856).
Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
Aun. Mag N. H. (5), 9, p. 210, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516, and 1885,
р. 447.
Trans. Ent. Soc. Lond. 1885, p. 347.
I. M., Solun (Swinhoe), Kulu (Young), Karachi (Swinhoe).
Collection Swinhoe, Solun, Karachi, Somara, Sikkim, Quetta,
Poona, Bombay,

1681. LEUCANIA MODESTA.

Leucania modesta, Moore, Proc. Zool. Soc. Loud. 1881, p. 335, pl. 37, fig. 11.

Descr. Ind. Lep. Atk. ii, p. 99, (1882).

arpling.

1682. LEUCANIA NAINICA.

Leucania nainica, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 15.

Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Naini Tal.

1683. LEUCANIA NIGRILINEOSA.

Leucania nigrilineosa, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882). Khasi Hills.

1684. LEUCANIA PENICILLATA.

Leucania penicillata, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.

Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

I. M., Kulu (Young), Darbhanga (Maries).

Collection Swinhoe, Solun, Nilgiri Hills.

Allied to L. bistrigata.

1685. LEUCANIA PERCISA.

Leucania percisa, Moore, MS.

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Solun.

1686. LEUCANIA POLEMUSA.

Leucania polemusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447, pl. 27, fig. 1.

I. M., Khandalla (Swinhoe).

Collection Swinhoe, Poona, Bombay, Khandalla. Allied to L. decisissima.

1687. LEUCANIA PRISCA.

Leucania prisca, Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).

Moore, Lep. Ceyl. iii, p. 10, (1884).

Ceylon.

1688. LEUCANIA PROMINENS.

Leucania prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 339. Darjiling, Cherrapunji.

1689. LEUCANIA PULCHERRIMA.

Leucania pulcherrima, Moore, Proc. Zool. Soc. Lond. 1867, p. 48, pl. 6, fig. 7.

Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).

Collection Swinhoe, Sikkim.

1690. LEUCANIA RUFESCENS.

Leucania rufescens, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882). Darjiling.

1691. LEUCANIA RUFISTRIGOSA.

Leucania rufistrigosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 337.

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Umballa.

Allied to L. dharma.

1692. LEUCANIA SEJUNCTA.

Leucania sejuneta, Walker, Cat. Lep. Het. B. M., ix, p. 109, (1856). India.

1693. LEUCANIA SINUOSA.

Leucania sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882). Darjiling.

1694. LEUCANIA SUBSIGNATA.

Leucania subsignata, Moore, Proc. Zool. Soc. Lond. 1881, p. 336.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

I. M., Kulu, (Youngj.
Collection Swinhoe, Bombay, Solun.

1695. LEUCANIA TANGALA.

Leucania tangala, Felder & R. Reise, Novara, pl. 109, fig. 12, (1864-75).

Moore, Lep. Ceyl. iii, p. 11, (1884).

I. M., Ceylon (Colombo Museum).

1696. LEUCANIA THORACICA.

Leucania thoracica, Walker, Cat. Lep. Het. B. M., ix, p. 106, (1856), and xxxii, p. 623, (1865).

Deccap.

1697. LEUCANIA UNIFORMIS.

Leucania uniformis, Moore, Proc. Zool. Soc. Loud. 1881, p. 339. N.-W. Himalayas.

1698. LEUCANIA VENALBA.

Leucania venalba, Moore, Proc. Zool. Soc. Lond. 1867, p. 48. Bengal.

Genus Arcilasisa.

1699. Arcilasisa sobria.

Arcilasisa sobria, Walker, Cat. Lep. Het. xxxii, p. 470, (1865). I. M., Kulu (Young), Sikkim. Collection Swinhoe, Sikkim. Also recorded from South India.

Genus Borolia.

1700. BOROLIA FASCIATA.

1701. BOROLIA FURCIFERA.

Borolia furcifera, Moore, Descr. Ind. Lep. Atk. ii, p. 98, pl. 4, fig. 16, . (1882).

Darjiling.

Genus Aletia.

1702. ALETIA ALBICOSTA.

Aletia albicosta, Moore, Descr. Ind. Lep. Atk. ii, p. 97, (1882). Darjiling, Gurhwal, Dharmsala. Allied to A. lithargyria of Europe.

1703. ALETIA ANGULIFERA.

Aletia angulifera, Moore, Proc. Zool. Soc. Lond. 1881; p. 333.

Descr. Ind. Lep. Atk. ii, p. 96, (1882).

N.-W. Himalayas, Cashmir, Sind.

Allied to A. couigera of Europe.

1701. ALETIA CERVINA.

Mythimna cervina, Moore, Proc. Zool. Soc. Lond. 1867, p. 47, pl. 6, fig. 18. Bengal.

1705. ALETIA DISTINCTA.

Aletia distincta, Moere, Proc. Zool. Soc. Lond. 1881, p. 333, pl. 37, fig. 4.

Descr. 1nd. Lep. Atk. ii, p. 97, (1882).

Darjiling.
Allied to A. vitellina of Europe.

1706. ALETIA OBSCURA.

Aletia obscura, Moore, Deser. Ind. Lep. Atk. ii, p. 97, (1882). Darjiling.
Allied to A. lithargyria of Europe.

1707. ALETIA REVERSA.

Aletia reversa, Moore, Lep. Ceyl. iii, p. 6, pl. 144, fig. 5, (1884). Ceylon.

1708. ALETIA RUDIS.

Aletia rudis, Moore, MS.

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Collection Swinhoe, Solun.

Genus Arsilonche.

1709. Arsilonche confusa.

Leucania confusa, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).

Meore, Proc. Zool. Sec. Lond. 1867, p. 48.

Arsilonche confusa, Moore, Lep. Ceyl. iii, p. 9, pl. 145, fig. 4, (1884).

Ceylon.

1710. Arsilonche conspersa.

Simyra conspersa, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.

Ind. Lep. Atk. ii, p. 103, (1882).

Manpuri, Calcutta.

Allied to A. confusa.

Genus Axylia.

1711. AXYLIA ALBIVENA.

Axylia alhivena, Moore, Proc. Zool. Soc. Lond. 1881, p. 342. Collection Swinhoe, Solun.

1712. AXYLIA FASCIATA.

Axylia fusciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.

Lep. Ceyl. iii, p. 7, pl. 144, fig. 6, (1884).

Punjab, Ceylon.

1713. AXYLIA FURTIVA.

Axylia furtiva, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448; and 1886, p. 442.

Collection Swinhoe, Poona, Mhow.

1714. AXYLIA IRRORATA.

Axylia irrorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341. N.-W. Himalayas.

1715. AXYLIA RENALIS.

Collection Swinhoe, Solun, Poona, Khandalla.

Also recorded frnm Sind and Cashmir.

Allied to A. putris of Europe.

Genus Tympanistes.

1716. TYMPANISTES PALLIDA.

Tympanistes pallida, Moore, Proc. Zool. Soc. Lond. 1367, p. 49, pl. 6, fig. 1. I. M., a specimen with no history.

Collection Swinhoe, Dharmsala.

Also recorded from Sikkim.

1717. TYMPANISTES TESTACEA.

Tympanistes testacea, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig. 2.

Darjiling.

Genus Senta.

1718. SENTA CRAMBOIDES.

Senta cramboides, Moore, Lep. Ceyl. iii, p. 12, pl. 145, fig. 6, (1884). Ceylon.

Genus Discordia.

1719. Discordia evulsa.

Discordia evulsa, Swinhoc, Proc. Zool. Soc. Lond. 1885, p. 448, pl. 27, fig. 2.

Poona.

Type is in British Museum.

Genus Crambopsis.

1720. CRAMBOPSIS EXCLUDENS.

Crambopsis excludens, Walker, Cat. Lep. Het. B. M. xxxii, p. 634, (1865).

Moore, Lep. Ceyl. iii, p. 12, (1884).

Ceylon.

Genus Nonagria.

1721. Nonagria (?) irregularis.

Nonagria irregularis, Walker, Cat. Lep. Het. B. M., xi, p. 712, (1857). India.

Part III.

FAMILY HELIOTHIDÆ.

Genus Dorika.

1722. Dorika aureola.

Leuconia aureola, Walker, Cat. Lep. Het. B. M., ix, p. 108, (1856).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.

Dorika aureola, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

I. M., Mhow (Swinhoe).

Collection Swinhoe, Mhow, Bombay.

1723. DORIKA SANGUINOLENTA.

Also recorded from Canara.

Dorika sanguinolenta, Moore, Proc. Zool. Soc. Lond. 1881, p. 363. Bombay.

Genus Raghuva.

1724. RAGHUVA CONFERTISSIMA.

Leucania confertissima, Walker, Cat. Lep. Het. B. M., xxxii, p. 625, (1865). Raghuva confertissima, Moore, Proc. Zool. Soc. Lond. 1881, p. 362. S. India.

Genus Pradatta.

1725. PRADATTA ARTAXOÏDES.

Pradatta artaxoïdes, Moore, Proc. Zool. Soc. Lond. 1881, p. 366. N.-W. Himalayas, Cashmir. Collection Swinhoe, Kulu.

1726. PRADATTA BEATRIX.

Pradatta heatrix, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.

Descr. Ind. Lep. Atk. ii, p. 138, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442, pl. 41, fig. 5.

Collection Swinhoe, Mhow.

Also recorded from Canara, Dharmsala, Cashmir,

1727. PRADATTA BIVITTATA.

Leucania bivittata, Walker, Cat. Lep. Het. B. M., ix, 3, p. 108, (1856).

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Pradatta bivittata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 449.

Pradatta bivitta (sic), Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442.

Collection Swinhoe, Mhow, Bombay, Khandalla.

Also recorded from South India.

1728. PRADATTA DECORATA.

Pradatta decorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365. Descr. Ind. Lep. Atk. ii, p. 139, (1882). - Swinhoo, Proc. Zool. Soc. Lond. 1885, p. 449. Collection Swinhoe, Poona. Also recorded from Allahabad, Manpuri, Sind, Cashmir.

1729. PRADATTA MODESTA.

Pradatta modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 366. Manpuri.

1730. E

Genus Heliothis.
1730. Heliothis armigera.
Noctua armigera, Hübn., Noct. ii, p. 180, pl. 79, fig. 370, (1804)*. ———————————————————————————————————
Proc. Zeol. Soc. Lond., 1883, p. 161. Moore, Lep. Ceyl. iii, p. 51, pl. 150, figs. 1, 1a, (1884). Swinhoe, Proc. Zeol. Soc. Lond. 1884, p. 518; 1885, p. 448; and 1886, p. 442. Trans. Ent. Soc. Lond. 1885, p. 347. Heliothisa armigera, Meig ,Syst. Besch. iii, 234, 22, pl. 120, fig. 15. Heliothis armiger (sie), Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 410.
 M., Sibsagar (Peal), Karachi (Swinhoe and Murray), Hujipore. (where it attacks poppy boll), Quetta (Swinhoe), Kulu (Young), Sikkim, Chitral (Giles). Collection Swinhoe, Candahar, Quetta, Karachi, Mhow, Deesa, Bombay, Solun. Also recorded from Europe, Africa, America (where it attacks cotton boll), Jamaica, New Zealand, Ceylon.
1731. Heliothis dipsacea.
Phalæna (Noctua) dipsacea, Linn., Syst. Nat. (1), 2, p. 856, No. 185, (1767). Noctua dipsacea, Wien, Verz. 89, 3*. ———————————————————————————————————

- Dup., Hist. Nat. Lep. France, vii, 304, pl. 119, fig. 2.*

- Syst. Besch. iii, 231, 16, pl. 120, fig. 12*.

- Schr., Faun. Bois. 1587*.

Heliothisa dipsacea, Meig., Handb. 183, 94*.

Scriba, Beitr., pl. 12, figs. 2-5*.

Donov., Brit. Ins. x, pl. 327*.

Melicleptria dipsacea, Hübn., Verz bek. Schmett, p. 262, No. 2578, (1861).

HELIOTHIS DIPSACEA—continued. Heliothis dipsacea, Treit., Schmett v, 220, 3*. 7, 17ett., Schnict V, 220, 3**.

Steph., Ill. Brit. Ent. Haust. iii, 109*.

Boisd., Ind. Meth., p. 163, No. 1305, (1840).

Guén., Noct. ii, 181, 934*.

Erschoff., Lep. Turkestan, p. 48, (1874).

Walker, Cat. Lep. Het. B. M. xi, p. 685, (1857). - Moore, 2nd Yarkand Miss. Lep., p. 11, (1879). I. M., Yarkand (2nd Mission). Also recorded from Europe. 1732. Heliothis hybleoides. Heliothis hyblwoides, Moore, Ann. Mag. N. H. (5), i, p. 234, (1878).

2nd Yarkand Mission Lep., p. 12, pl. 1. fig. 20, (1879). I. M., Moore's type, Yarkand (2nd Mission). Closely allied to H. dipsacea: 733. Heliothis juncea. Heliothis juncea, Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 448, pl. 27, fig. 4. Collection Swinhoe, Bombay. 1734. HELIOTHIS PELTIGERA. Noctua peltigera, Wien, Verz 89, 2*. - Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 5*. Noctua barbara, Fabr., Ent. Syst. iii, 2, p. 111, No. 334, (1794). Coqueb., Ill. Icon., p. 70, pl. 17, fig. 3, (1801).

Noctua florentina, Esp., Schmett iv, pl. 135, fig. 2*. Noctua scutigera, Bork., Eur. Schmett, iv, 93, 37*. Noclua straminea, Donov., Brit. Ins. ii, pl. 61*. Heliothis peltigera, Steph., Ill. Brit. Ent. Haust. iii, 109*. Pholana alphea, Cram., Pap. Exot. iii, pl. 250, fig. F., (1779). Melicleptria peltigera, Hübn., Verz Bek. Schmett, p. 262, No. 2576, (1816).

Melicleptria alphea, Hübu., loc. cit., p. 262, No. 2577, (1816). Heliothisa peltigera, Meig., Syst. Besch, iii, 234, pl. 120, fig. 14*. var. Phalana charmione, Stoll., Cram. Pap. Exot. p. 162, pl. 36, fig. 10, Heliothis peltigera, Gnén. Noct. ii, p. 180. - Walker, Cat. Lep. Het. B. M., xi, p. 682, (1857). - Moore, Proc. Zool. Soc. Lond. 1867, p. 60. - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p.

448; and 1886, p. 442. - Trans. Ent. Soc. Lond. 1885, p. 348.

I. M., Karachi (Swinhoe), Quetta (Swinhoe). Collection Swinhoe, Quetta, Karachi, Mhow, Poona, Campbell-

Also recorded from Europe, Africa, New Zealand, Beluchistan, and Northern Bengal.

1735. HELIOTHIS PERICEOIDES.

Heliothis perigeoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 361. Kutch.

Allied to H. peltigera.

1736. Heliothis Rubrescens.

Thalpophila rubrescens, Walker, Cat. Lep. Het. B. M., xv, p. 1681, (1858). -Butler, Proc. Zool. Soc. Lond. 1883, p. 161. Heliothis rubrescens, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348.

Heliothis rubescens (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, and 1886, p. 442.

Collection Swinhoe, Quetta, Karachi, Bombay, Campbellpore. Also recorded from New Zealand and Australia.

Allied to H. armigera, and H. conferta of New Zcaland.

1737. HELIOTHIS SCUTOSA.

Noctua scutosa, Schiff., Wien. Verz 89, 1*. - Fabr., Mant. Ins. ii, p. 142, No. 63, (1787). Ent., Syst. iii, 2, p. 33, No. 81, (1794).

Esper., Schmett iv, pl. 108, figs. 1, 2*. Bork., Eur. Schmett Noct., pl. 63, fig. 309*. Dup., Hist. Nat. Lep. Fr. vii, 301, pl. 119, fig. 1*. -- Frey., Beitr. ii, pl. 191*. Melicleptria scutosa, Hübn., Verz. Bek. Schmett, p. 262, No. 2575, (1816). Heliothisa scutosa, Meig., Syst. Besch. v, 231, 17, pl. 120, fig. 11*. Heliothis scutosa, Treit., Schmett. v, 224, 4*. - Curtis, Brit. Ent., pl. 595*. Boisd., Ind. Meth. p. 163, No. 1306, (1840). - Guén., Noct. ii, 182, 936*. Walker, Cat. Lep Het. B. M. xi, p. 686, (1857).
 Moore, 2nd Yarkand Miss. Lep., p. 11, (1879). I. M., Kulu (Young), Prussia (Kricheldorff). Also recorded from Cashmir.

1738. HELIOTHIS SUCCINEA.

Heliothis succinea, Moore, Proc. Zool. Soc. Lond. 1881, p. 362. - Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

I. M., Kulu (Young).

Collection Swinhoe, Mhow.

Also recorded from Bombay.

Allied to *II. armigera*.

1739. Heliothis temperata.

Heliothis temperata, Walker, Cat. Lep. Het. B. M. xi, p. 689, (1857). India.

Genus Pimprana.

1740. PIMPRANA ATKINSONI.

Pimprana atkinsoni, Moore, Descr. Ind. Lep. Atk., i, p. 42, pl. ii, fig. 11. (1879).

Collection Swinhoe, Darjiling.

Genus Curubasa.

1741. CURUBASA CALAMARIA.

Curubasa calamaria, Moore, Proc. Zool. Soc. Lond. 1881, p. 367. --- Swinhoe, Proc. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Bombay.

1742. CURUBASA CRUENTATA. Curubasa cruentata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367. N.-W. India, Cashmir. 1743. Curubasa lanceolata. Alaria lanccolata, Walker, Cat, Lep. Het. B. M. xii, p. 767, (1857). - Butler, Proc. Zool. Soc. Lond. 1883, p. 161. - Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442. Curubasa lanceolata, Moore, Proc. Zool. Soc. Loud. 1881, p. 366. Collection Swinhoe, Solun, Mhow. Also recorded from the Nilgiri Hills. 1744. CURUBASA MARGINATA. Curubasa marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367. N.-W. Himalayas. Genus Adisura. 1745. Adisura atkinsoni. Adisura atkinsoni, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37, fig. 6. Descr. Ind. Lep. Atk. ii, p. 137, (1882). Darjiling. 1746. Adisura dulcis. Adisura dulcis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37, fig. 20. — Descr. Ind. Lep. Atk, ii, p. 137, (1882). Darjiling. 1747. Adisura leucanioides. Adisura leucanioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 368. Butler, Proc. Zool. Soc. Lond. 1883, p. 161. Swinhoe, Proc. Zool. Lond. 1884, p. 518; 1885, p. 449; and 1886, p. 443. Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Khandalla. 1748. Adisura marginalis. Anthophila marginalis, Walker, Cat. Lep. Het. B. M., xii, p. 830, (1857). Adisura marginalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368. - Descr. Ind. Lep. Atk. ii, p. 137, (1882). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449. Collection Swinhoe, Bombay, Poona, Alibagh. Also recorded from Calcutta.

1749. Adisura pallida.

Adisura pallida, Moore, Proc. Zool. Soc. Lond. 1881, p. 369. - Lep. Ceyl. iii, p. 52, pl. 150, fig. 8, (1884). Cevlon. Allied to A. leucanioides.

1750. Adisura similis.

Adisura similis, Moore, Proc. Zool. Soc. Lend. 1881, p. 369.

Descr. Ind. Lep. Atk. ii, p. 138, (1882).

Calcutta.

Allied to A. marginalis.

1751. ADISURA UNCTA.

Adisura uncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449, pl. 27, fig. 12.

Collection Swinhoe, Bombay.

Allied to A. leucanioides.

Genus Anthoecia.

1752. Anthœcia swinhoel.

Antheoia swinhoei, Butler, Proc. Zool. Soc. Lond. 1883, p. 162.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449; and 1886, p. 443.

Collection Swinhoe, Assirgarh, Poona.

Genus Pyrrhia.

1753. PYRRHIA MARGINATA.

Noctua marginata, Kléem., Beit. ii, pl. 7, figs. 6, 8*.
Fabr., Ent. Syst. iii, 2, p. 83, No. 260, (1794). Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 8*. Noctua rutilago, Wien., Verz. 88, 4*.

Fuessl., Mag. 219*. Schr., Faun. Boic. 1579*. Hübn., Eur. Schmett Noct. i, 185*. Noctua umbrago, Esp., Schmett iv, pl. 185, figs. 6, 7*. Noctua conspicua, Bork., Eur. Schmett iv, 50*. Noctua marginago, Haw., Lep. Brit. 217.* Pyrrhia rutilago, Hübn.. Verz. Bek. Schmett, p. 233, No. 2337, (1816). Heliothisa marginata, Meig., Syst. Besch. iii, 233, 20, pl. 120, fig. 17.* - Frey., Stett. Ent. Zeit. ii, 109, (1841). Heliothis marginata, Triet., Schmett. v. 232, 7.* Steph., Ill. Brit. Ent. iii, 108.* Boisd., Ind. Meth., p. 163, No. 1309, (1840). Guén., Noct. ii, 178, 927*. Walker, Cat. Lep. Het. B. M. xi, p. 681, (1857). I. M., Kulu (Young). Collection Swinhoe, Solun. Also recorded from Europe.

Genus Masalia.

1754. MASALIA IRRORATA.

Masalia irrorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364, Collection Swinhoe, Mandi. Also recorded from Darjiling.

1755. MASALIA RADIATA.

Musalia radiata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364. Manpuri.

Genus Sophaga.

1756. SOPHAGA SINUATA.

Sophaga sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 363. Bombay.

Genus Heliocheilus.

1757. HELIOCHEILUS TRANSLUCENS.

Heliocheilus translucens, Felder, Reise Novara Lep., pl. 108, fig. 49, (1864-75).

FAMILY BOMBYCOIDÆ.

Genus Diphtera.

1758. DIPHTERA ATROVIRENS.

Diphtera atrovirens, Walker, Cat. Lep. Het. B. M. xxxii, p. 614 (1865); and p. 1952, (1866). Moore, Proc. Zool. Soc. Lond. 1867, p. 45. I. M., Sikkim. Collection Swinhoe, N. India.

1759. DIPHTERA DECEPTURA.

Diphtera deceptura, Walker, Cat. Lep. Het. B. M. xxxii, p. 614, (1865).

Moore, Lep. Ceyl. iii, p. 4, (1884).

Ceylon.

1760. DIPHTERA DISCIBRUNNEA.

Diphtera discibrunnea, Walker, Cat. Lep. Het. B. M. xxxv, p. 1952, (1866).

Moore, Proc. Zool. Soc. Lond., 1867, p. 46, pl. 6, fig. 14.

Collection Swinhoe, Sikkim.

1761. DIPHTERA NIGROVIRIDIS.

Diphtera nigroviridis, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865); and xxxv, p. 1952, (1866).

Moore, Proc. Zool. Soc. Lond., 1867, p. 46.

1. M., Sikkim.

Collection Swinhoe, Sikkim.

1762. DIPHTERA PALLIDA.

Diphtera pallida, Walker, Cat. Lep. Het. B. M. xxxv, p. 1953, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 46, pl. 6, fig. 6.

Darjiling.

1763. DIPHTERA PRASINARIA.

Diphtera prasinaria, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865);

xxxv, p. 1952, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1764. DIPTHERA VIGENS.

Diphtera vigens, Walker, Cat. Lep. Het. B. M. xxxii, p. 616, (1865); and xxxv, 1952, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

I. M., Kulu (Young), Sikkim.

Collection Swinhoe, Sikkim.

Genus Plataplecta.

1765. PLATAPLECTA PRUINOSA.

Aeronycta pruinosa, Guén., Noct. i, p. 53, 72*.

Walker, Cat. Lep. Het. B. M., ix, p. 64, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

Polia soluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 723, (1865).

Plataplecta soluta, Butler, Λnn. Mag. N. H. (1), v, p. 195, (1878).

Plataplecta pruinosa, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 3, (1884).

Sylhet, Java, Ceylon.

1766. PLATAPLECTA STEVENSII.

Polia stevensii, Guén., Noct. ii, 38, 721*.

Walker, Cat. Lep. Het. B. M., xi, p. 521, (1857).

Central India.

Genus Acronycta.

1767. ACRONYCTA BICOLOR.

Acronycta bicolor, Moore, Proc. Zool. Soc. Lond. 1881, p. 332. Collection Swinhoe, Solun.

1768. ACRONYCTA FLAVALA.

Aeronycta flavala, Moore, Proc. Zool. Soc. Lond. 1867, p. 46. Bengal.

176), ACRONYCTA INDICA.

Acronycta indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 47. Bengal.

278 NOCTUES.

1770. ACRONYCTA KARGALIKA.

Acronycta kargalika, Moore, Ann. & Mag. N. H. (5) i, p. 232, (1878). I. M., Moore's type from Yarkand (2nd Mission).

Genus Trimna.

1771. TRIÆNA MAXIMA.

Triana maxima, Moore, Proc. Zool. Soc. Lond. 1881, p. 333. Collection Swinhoe, Campbellpore. Allied to T. tridens of Europe.

Genus Karana.

1772. KARANA DECORATA.

Karana decorata, Moore, Deser. Ind. Lep. Atk. ii, p. 107, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

Collection Swinhoe, Dharmsala, Satara, Poona, Nilgiri Hills.

Also recorded from Sikkim.

Genus Hyboma.

1773. HYBOMA FASCIATA.

Hyboma fasciata, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 4, (1884). Ceylon.

FAMILY BRYOPHILIDÆ.

Genus Bryophila.

1774. BRYOPHILA ALBISTIGMA.

Bryophila albistigma, Moore, Proc. Zool. Soc. Lond. 1867, p. 45. Bengal.

1775. BRYOPHILA LITERATA.

Bryophila literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 331. Collection Swinhoe, Kulu.
Also recorded from Cashmir.
Allied to B. glandifera of Europe.

1776. BRYOPHILA MEDIANA.

Bryophila mediana, Moore, Proc. Zool. Soc. Lond. 1881, p. 332. Solun.

1777. BRYOPHILA MODESTA.

Bryophila modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 332. N.-W. Himalayas. Allied to B. algæ of Europe.

1778. BRYOPHILA NILGIRIA.

Bryophila nilgiria, Moore, Proc. Zool. Soc. Lond. 1881, p. 332. Ootacamund.

Genus Casama.

1779. CASAMA INDETERMINATA.

Casama indeterminata, Walker, Cat. Lep. Het. B. M. xxxii, p. 611, (1865). S. India.

FAMILY GLOTTULIDÆ.

Genus Glottula.

1780. GLOTTULA DOMINICA.

Phalana (Noctua) dominica, Cramer, Pap. Exot. iv, pl. 299, fig. H, (1782). Hadena pancratii, Boisd., Faun. Ent. Mad. Romb. et Maur. Lep. 91, 1.* Glottula dominica, Guén., Noct. i, p. 116, 183*.

Moore, Proc. Zool. Soc. Lond. 1867, p. 50.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

Glottula pancratii, Millière, Icon Descr. Chen. Lep. 1865, p. 30, pl. 54,
figs. 6-9.*

Collection Swinhoe, Ceylon, Mhow, Khandalla. Also recorded from S. Africa, Isle of France, Tranquebar.

Genus Apsarasa.

1781. Apsarasa figurata.

Apsarasa figurata, Moore, Proc. Zool. Soc. Lond. 1877, p. 604. Andaman Islands.

. Apsarasa radians.

Noctua (Apatela) radians, Westw., Cab. Or. Ent., p. 58, pl. 28, fig. 4, (1848).

Glottula radians, Walker, Cat. Lep. Het. B. M. xv, p. 1668, (1858). Apsarasa radians, Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

I. M., Sikkim (purehased).

Collection Swinhoe, Sikhim, Assam.

Genus Chasmina.

1782. CHASMINA CYGNUS.

Chasmina cygnus, Walker, Cat. Lep. Hct. B.M., ix, p. 147, (1856).

Moore, Proc. Zool. Soc. Loud. 1867, p. 50.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.

Leocyma cygnus, Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 3, (1886).

I. M., Kulu (Young), Solun (Swinhoe).

Collection Swinhoe, Bombay, Khandalla.

1783. CHASMINA DIANE.

Leocyma dianæ, Guén., Noct. ii, p. 213, (1852)*.

Moore, Lep. Ceyl. iii, p. 43, pl. 149, fig. 5, (1884).

Leocyma dianæ, Walker, Cat. Lep. Het. B. M. xii, p. 780, (1857).

Chasmina glabra, Walker, Cat. Lep. Het. B. M. xxxii, p. 636, (1865).

Ceylon, Australia.

Genus Ramadasa.

1784. RAMADASA PAVO.

Chasmina pavo, Walker, Cat. Lep. Het. B. M., ix, p. 147, (1856).

Ramadasa pavo, Moore, Proc. Zool. Soc. Lond., 1877, p. 603, pl. 59, fig. 8.

Lep. Ceyl. iii, p. 45, pl. 149, fig. 1, (1884).

I. M., Sikkim (purchased).

Also recorded from Ceylon and the Andaman Islands.

Genus Polytela.

1785. POLYTELA FLORIGERA.

Polytela florigera, Guén., Noct. i, 114, 180.*

Walker, Cat. Lep. Het. B. M., ix, p. 139, (1856).

India.

1786. POLYTELA GLORIOSÆ.

Genus Calymera.

1787. CALYMERA PICTA.

Calymera picta, Moore, Descr. Ind. Lep. Atk. ii, p. 104, pl. 4, fig. 7, (1882). Darjiling.

Genus Baorisa.

1788. BAORISA HIEROGLYPHICA.

Baorisa hieroglyphica, Moore, Descr. Ind. Lep. Atk. ii, p. 133, pl. 4, fig. 14, (1882).

Darjiling.

Genus Ariola.

1789. ARIOLA CELISIGNA.

Ariola calisigna, Walker, Cat. Lep. Het. B. M. xii, p. 769, (1857).

Moore, Lep. Geyl. iii, p. 41, (1884).

Ariola ransonneti, Felder & R. Reise, Novara Lep. p. 108, fig. 1, (1864—75).

Collection Swinhoe, Ceylon.

Also recorded from Sarawak, Borneo.

1790. ARIOLA SATURATA.

Ariola saturata, Walker, Cat. Lep. Het. B. M. xii, p. 774, (1857). Ceylon.

Genus Dandaca.

1791. DANDAGA COLUMBA.

Dandaca columba, Walker, Cat. Lep. Het. B. M., ix, p. 149, (1856). N. India.

FAMILY COSMIDÆ.

Genus Ipimorpha.

1792. IPIMORPHA DIVISA.

Ipimorpha divisa, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882). Darjiling, Simla. Allied to I. subtusa of Europe.

Genus Cosmia.

1793. Cosmia hypenoides.

Cosmia hypenoides, Moore, Proc. Zeol. Soc. Lond. 1881, p. 354, pl. 38, fig.

19.
Descr. Ind. Lep. Atk. ii, p. 122, (1882).

Parisnath (Bengal).

1794. Cosmia restituta.

Cosmia restituta, Walker, Cat. Lep. Het. B. M., x, p. 490, (1856). Nepal.

FAMILY ERASTRIIDÆ.

Genus Erastria.

1795. ERASTRIA ALBIORBIS.

Erastria albiorbis, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882). Darjiling.

1796. ERASTRIA CIDARIOIDES.

Erastria cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882). Darjiling.

1797. ERASTRIA FUSCA.

Erastria fusca, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882). Collection Swinhoe, Sikkim.

1798. ERASTRIA FUTILIS.

Erastria futilis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47, fig. 8.

Collection Swinhoe, Karachi. Allied to E. scitula of Europe.

1799. ERASTRIA IMBUTA.

Erastria imbuta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 794, (1865). India.

1800. ERASTRIA MARGINATA.

Erastria marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 21.

Descr. Ind. Lep. Atk. ii, p. 141, (1882).

Darjiling.

1801. ERASTRIA NUBILA.

Erastria nubila, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882). Allied to E. fusca. arguing.

1802. ERASTRIA PALLIDISCA.

Erastria pallidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 14.

Descr. Ind. Lep. Atk. ii, p. 141, (1882).

Darjiling.

FAMILY ACONTIIDÆ.

Genus Xanthodes.

1803. XANTHODES ARCUATA.

Xanthodes arcuata, Walker, Cat. Lep. Het. B. M. xii, p. 779, (1857).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.

Collection Swinhoe, Karachi.

Also recorded from Africa.

1804. XANTHODES DUPLICATA. Xanthodes duplicata, Walker, Cat. Lep. Hot. B. M. xxxiii, p. 778, (1865). Siam. 1805. XANTHODES FLAVA. Noctua flava, Fabr., Ent. Syst. iii, 2, p. 51, No. 139, (1794). Xanthodes transversa, Guén., Noct. ii, p. 211, pl. 10, fig. 5, (1852).* Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857). -Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877, p. 605. -Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454. Acontia flava, Moore, Lep. Ceyl. iii, p. 42, pl. 149, figs. 2, 2a, larva, (1884). I. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram), Cachar (Wood-Mason). Collection Swinhoe, Sikkim, Bombay, Poona, Ceylon. Also recorded from the Andaman Islands. 1806. XANTHODES GRAELLSII. Acontia graellsii, Feisthamel, Ann. Soc. Ent. Fr. (6), p. 300, pl. 12, fig. 3, (1837).Xanthodes graellsii, Gnén., Noct. ii, 211, 977.* - Walker, Cat. Lep. Het. B. M., xii, p. 777, (1857). - Millière, Icon. Descr. Chen. Lep. 1865, p. 73, pl. 59, figs. 6, 7.* Spain, Mauritius, India. 1807. XANTHODES IMPARATA. Xanthia imparata, Walker, Cat. Lep. Het. B. M., x, p. 467, (1856). Xanthodes imparata, Moore, Proc. Zool. Soc. Lond. 1867, p. 61. --- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454. Collection Swinhoe, Bombay, Karachi, Poona. 1808. Xanthodes impellens. Xunthodes impellens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 61. India. 1809. XANTHODES INEFFICIENS. Xanthodes inefficiens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858). India. 1810. XANTHODES INNOCENS. Xanthodes innocens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 61. - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517; and 1885, p. 454. - Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

Collection Swinhoe, Octacamund, Karachi, Bombay.

Also recorded from Campbellpore.

1811. XANTHODES INTERSEPTA.

Xanthodes intersepta, Guén., Noct. ii, p. 212, 979, (1852).*

Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

Lep. Ceyl. iii, p. 42, pl. 149, fig. 3, (1884).

I. M., Andaman Islands (purchased), Sibsagar, Sikkim.

Collection Swinhoe, Sikkim.

Also recorded from Ceylon, Sylhet, also Malta.

1812. XANTHODES STRAMEN.

Xanthodes stramen, Guén., Noct. ii, 210, 976.*

Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona, Karachi, Nilghiris.

Also recorded from Thibet.

Genus Naranga.

1813. NARANGA FERRUGINEA.

Naranga ferruginea, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882). Calcutta.

1814. NARANGA DIFFUSA.

Xanthodes diffusa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 779, (1865).

Naranga diffusa, Moore, Proc. Zool. Soc. Lond. 1881, p. 359.

Lep. Ceyl. iii, p. 49, pl. 150, fig. 17, (1884).

Formosa, Ceylon, Nilgiri Hills.

1815. NARANGA QUADRIVITTATA.

Naranga quadrivittata, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882). Calcutta.

Genus Xanthia.

1816. XANTHIA RUFOFLAVA.

Xanthia rufoflava, Walker, Cat. Lep. Het. B. M, x, p. 467, (1856). N. India.

Genus Pitacota.

1817. PITACOTA TERMINIGERA.

Felinia terminigera, Walker, Cat. Lep. Het. B. M, xv, p. 1850, (1858).

Moore, Proc. Zool Soc. Lond. 1867, p. 77.

Pitacota terminigera, Moore, Lep. Ceyl. iii, p. 46, pl. 149, fig. 7, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona.

Also recorded from Canara, Sylhet, and Ceylon.

Genus Hiccoda.

1818. HICCODA DOSAROIDES.

Hiccoda dosaroides, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882).

Lep. Ceyl. iii, p. 49, pl. 150, fig. 16, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

Collection Swinhoe, Solun, Poona. Also recorded from Calcutta, Bombay, Ceylon.

1819. HICCODA HERBARIA.

Hiccoda herbaria, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446. Collection Swinhoe, Mhow.

Genus Canna.

1820. CANNA PULCHRIPICTA.

Canna pulchripicta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 790, (1865), and xxxv, p. 1965, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 61, pl. 6, fig. 10.

I. M., Sikkim (purchased). Collection Swinhoe, Dharmsala, Sikkim.

Genus Calophasia.

1821. CALOPHASIA CASHMIRENSIS.

Calophasia cashmirensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.

Deser. Ind. Lep. Atk. ii, p. 132, (1882).

Cashmir.

Allied to C. lineariæ of Europe.

1822. CALOPHASIA LOBIFERA.

Calophasia lobifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 358. Bombay.

1823. CALOPHASIA NOTABILIS.

Calophasia notabilis, Walker, Cat. Lep. Het. B. M., xi, p. 669, (1857). Collection Swinhoe, Umballa.

1824. CALOPHASIA UPSILON.

Calophasia upsilon, Walker, Cat. Lep. Het. B. M. xxxiii, p. 763, (1865).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona.

Also recorded from Decean.

Part III.

Genus Euphasia.

1825. EUPHASIA CATENA.

Noctua catena, Sowerby, Brit. Misc. 29, pl. 14.*

Acontia catena, Steph., Ill. Brit. Ent. Haust. iii, 116 *

Guén., Noct. ii, 214, 983.*

Desmophora elegans, Steph., Cat. Brit. Ins. 6398.*

Euphasia catena, Walker, Cat. Lep. Het. B. M., xii, p. 781, (1857).

Collection Swinhoe, Sind.

1826. Euphasia catenula.

Euphasia catenula, Walker, Cat. Lep. Het. B. M. xxxiii, p. 780, (1865). Collection Swinhoe, Campbellpore, Karachi. Also recorded from South India.

Genus Acontia.

1827. ACONTIA ACEREA.

Acontia acerba, Felder & R. Reise, Novara Lep., pl. 108, fig. 25, (1864-75). Bengal.

1828. ACONTIA BADIA.

Acontia badia, Svinhoe, Proc. Zool. Soc. Lond. 1886, p. 445. Collection Swinhoe, Mhow, Bombay.

1829. Acontia Basifera.

1830. ACONTIA COSTALIS.

Acontia costalis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 784, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona, Karachi, Campbellpore.

Also recorded from South India.

1831. ACONTIA COSTISTICMA.

Acontia costistigma, Walker, Cat. Lep. Het. B. M., xii, p. 792, (1857). N. India.

1832. ACONTIA CROCATA.

Acontia crocata, Guén, Noct. ii, 218, 989.*

Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).

Swinhoe, Proc. Zool. Soc. Lond 1885, p. 455; and
1886, p. 445.

J.M., Bombay, (Swinhoe). Collection Swinhoe, Mhow, Karachi, Poona, Bombay.

1833. ACONTIA DICYCLA.

Acontia dicycla, Walker, Cat. Lep. Het. B. M. xxxv, p. 1964, (1866). N. India.

1834. ACONTIA EXCISA.

Acontia excisa, Walker, MS. British Museum Collection.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.
Collection Swinhoe, Poona, Khandalla, Mhow.

1835. ACONTIA FIRINA.

Acontia firina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27, fig. 5. Collection Swinhoe, Poona, Bombay.

1836. ACONTIA HORTENSIS.

Acontia hortensis, Swinhoe, Proc. Zool. Soc. Lond. 1881, p. 517, pl. 47 fig. 7.

Collection Swinhoe, Karachi. Allied to A. solaris of Europe.

1837. ACONTIA IMITATA.

Acontia imitata, Moore, Lep. Ceyl. iii, p. 42, pl. 149, fig. 4, (1884). Ceylon.

1839. ACONTIA JUDICATA.

Acontia judicata, Walker, Cat. Lep. Het. B. M., xv, p. 1760, (1858).

Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 2, (1886).

N. India.

1839. Acontia luctuosa.

Noctua tuctuosa, Schiff., Wien. Verz. 90, 7, pl. 114, fig. 5, (1776).*	
Esper, Schmett IV, pl. 88, for 4 *	
Bork., Eur. Schmett, iv, 77, 29.*	
Hübn., Eur. Schmett, Noct., pl. 62, figs. 305, 306.*	
Dun Hist Not I'm No. 327, 188, 300, 300,*	
Nucling italian February St. Lep. Fr. vii, 350, pl. 121, figs. 3,	1.*
Noctua italica, Fabr., Sp. Ins. ii, p. 218, No. 49, (1781).	
, Mant. Ins. ii, p. 144, No. 72, (1787).	
Ent. Syst iii n 27 No 50 (1704)	
A Matteria (Noctiva) Malica, Lann. Syst. Not. 2551	
Tratta tuctuosa, Hubn. Verz. Bek. Schmet n 261 No. 2202 (212)	
Acontia luctuosa , Treit., Schmett. v, 247, 7.*	
Steph., Ill. Brit. Ent. Haust. iii, 113.*	
Frey., Neue Beitr, p. 346.*	
Charles Delter, p. 540.*	
Stett Ent Zet. ii, 110, (1841).	
Boisd., Ind. Meth p. 165, No. 1323, (1840).	
Guen., Noct. 11. 223, 1001.	
Walker, Cat. Len Het R M vii n 702 (10-7)	
Woore Znd Varkand Mission Los as 10 diagram	
" "9" WELL A LICTHOSA FLOW LOD Rest 90 #	
Ophinsa Inctuosa, Meig., Handb. 183, 95, pl. 13, fig. 6.*	
7 (10 de, 14 de, 17 de, 17 de, 18 de,	
Syst. Besch. iii, 210, pl. 114, fig. 5.*	
Europe, Yarkand.	

1840. ACONTIA MACULOSA.

Acontia maculosa, Walker, Cat. Het. B. M., xii, p. 795, (1857). China, N. India.

1841. ACONTIA MERIDIONALIS.

Acontia meridionalis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 785, (1865). S. India.

1842. ACONTIA NIGRIPALPIS.

Acontia nigripalpis, Walker, Cat. Lep. Het. B. M. xxxv, p. 1965, (1866).

Swinhoe, Proc. Zool. Soc. Lend. 1886, p. 445.

Collection Swinhoe, Mhow, Assirgarh.

1843. ACONTIA OLIVACEA.

Acontia olivacca, Walker, Cat. Lep. Het. B. M., xii, p. 795, (1857). Punjab, Ceylon.

1844. ACONTIA OPALINOIDES.

Acontia opalinoides, Guén., Noct. ii, 219, 993.*

Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).

Coromandel.

1845. ACONTIA PULLA.

Acontia pulla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 15. Collection Swinhoe, Poona.

1846. ACONTIA QUADRIPARTITA.

Acontia quadripartita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 786, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454; and 1886, p. 445.

Collection Swinhoe, Mhow, Poona, Bombay.

1847. Acontia quintana.

Acontia quintana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27, fig. 13.

Collection Swinhoe, Poona, Khandalla.

1848. ACONTIA SCANDA.

Acontia scanda, Felder & R. Reise, Novara Lep., pl. 108, fig. 27, (1864-75).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.

Collection Swinhoe, Bombay, Karachi.

Also recorded from Bengal.

1849. ACONTIA TRIRADIATA.

Acontia triradiata, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857). Collection Swinhoe, Campbellpore.

1850. ACONTIA TURPIS.

Acontia turpis, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857). N. India.

1851. ACONTIA VIALIS.

Acontia vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882). Collection Swinhoe, Darjiling, Nilgiri Hills. Also recorded from Dharmsala.

Genus Carandana.

1852. CARANDANA FASCICULOSA.

Acontia fasciculosa, Walker, Cat. Lep. Het. B. M. xv, p. 1760, (1858). Carandana fasciculosa, Moore, Lep. Ceyl. iii, p. 40, (1884). Ceylon.

Genus Bankia.

1853. BANKIA ANGULIFERA.

Bankia angulifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 373. N.-W. Himalayas.

1854. BANKIA ARGENTULA.

Wortha argentula, 1100n., Beltr. 1, 9, pl. 2, ng. F, (1786).*	
Esp., Schmett iv, pl. 163, fig. 3.*	
Bork., Eur. Schmett iv, 798, 367*.	
Dap., Pap. de France vii, 373, pl. 123, fig. 2.*	
Pyralis bankiana, Fabr., Sp. Ins. ii, p. 275, No. 1, (1781).	
Mant., Ins. ii, p. 224, No. 1, (1787).	
Eut. Syst. iii, p. 2, 242, No. 1, (1794).	
Tortrix olivana, Wien., Verz. 120, 1.*	4
Phalana (Tortrix) bankiana, Linn. Syst. Nat. 2497.	
Argyrostrotis olivea, Hübn., Verz. bek. Schmett, p. 253, No. 2508, (1810)	6)
Erastria argentula, Treit., Schmett v, 255, 3.	,
Anthophila argentula, Meig., Handb. 185, 100.*	
Syst. Besch. iii, 242, 8, pl. 120, fig. 3.*	
Boisd., Ind. Meth. p. 174, No. 1399, (1840).	
Bankia argentula, Guén., Noct. ii, 231, 1014.*	
Walker, Cat. Lep. Het. B. M. xii, p. 810, (1857).	
I. M., Yarkand (2nd Mission).	
Also recorded from Europe.	

1855. BANKIA BASALIS.

Bankia basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882). Darjiling, Shanghai.

1856. BANKIA ERECTA.

Bankia erecta, Moore, Proc. Zool. Soc. Lond. 1881, p. 373. Nilgiri Hills.

1857. BANKIA OBLIQUA.

Bankia obliqua, Van M. deRioy, MS.

Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882).

Dharmsala, Cashmir.

1858. BANKIA OPELLA.

Acontia opella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 16. Bankia opella, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

Collection Swinhoe, Karachi, Campbellpore, Poona, Mahábleshwa.

1859, BANKIA RENALIS.

Bankia renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882). Dharmsala, Calcutta.

Genus Taracho.

1860. TARACHE DESTITUTA.

Acontia destituta, Walker, MS. Brit. Mus. Cab. Tarache destituta, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 6, (1884). Ceylon.

1861. TARACHE INDA.

Acontia inda, Felder & R. Reise, Novara Lep., pl. 108, fig. 23, (1864-75).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.

Tarache inda, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 5, (1884).

Collection Swinhoe, Mhow, Karachi.

Also recorded from Bengal.

1862. TARACHE NIVOSA.

Tarache nivosa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446, pl. 41, fig. 14. Collection Swinhoe, Solun, Mhow, Poona.

1863. TARACHE OLIVEA.

Acontia olivea, Guén., Noct. ii, 217, 986.*

Walker, Cat. Lep. Het. B. M., xii, p. 790, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

Tarache olivea, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 3, (1884).

Bengal.

1864. TARACHE POSTICA.

Calophasia postica, Walker, Cat. Lep. Het. B. M. xxxiii, p. 764, (1865). Tarache postica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454. Collection Swinhoe, Poona, Campbellpore, Nilgiris.

1865. TARACHE SIGNIFERA.

Acontia signifera, Walker, Cat. Lep. Het. B. M., xii, p. 793; and p. 796, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877, p. 605.

Swinhee, Proc. Zool. Soc. Lond. 1886, p. 445.

Acontia subfixa, Walker, loc. cit. xxxv, p. 1964, (1866).

Tarache signifera, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 4, (1881).

Collection Swinhoe, Solun, Mhow.

Also recorded from Calcutta, Andaman Islands, China.

1866. TARACHE TROPICA.

Acontia tropica, Guén., Nat. ii, 217, 988.*

Walker, Cat. Lep Het. B. M., xii, p. 790, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

Tarache tropica, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 2, (1884).

Collection Swinhoe, Ratnagiri, Nilgiris.

Also recorded from North India, China, and Ceylon.

Genus Marimatha.

1867. MARIMATHA LACTEA.

Marimatha lactea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 48, fig. 7.

Collection Swinhoe, Karachi.

1868. MARIMATHA PURA.

Marimatha pura, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 456, pl. 28, fig. 16.

Collection Swinhoe, Poona.

1869. MARIMATHA SUBFLAVALIS.

Marimatha subflavalis, Walker, Cat. Lep. Het. B. M. xxxiv p. 1205, (1865). South India.

Genus Churia.

1870. CHURIA MACULATA.

Churia maculata, Moore, Proc. Zool. Soc. 1881, p. 360.

Lep. Ceyl. iii, p. 50, pl. 150, fig. 7, (1884).

Ceylon.

1871. CHURIA NIGRISIGNA.

Churia nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 360, pl. 37, fig. 13.

Descr. Ind. Lep. Atk. ii, p. 136, (1882).

Calentta.

1872. CHURIA OCHRACEA.

Churia ochracea, Moore, Proc. Zool. Soc. Lond. 1881, p. 360.

Descr. Ind. Lep. Atk. ii, p. 136, (1882).

Calcutta.

Genus Phothedes.

1873. PHOTHEDES BIPARS.

Cherrapunii.

Allied to the European P. captinucula of Zeller.

1874. Phothedes frausa.

Phothedes frausa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446. Collection Swinhoe, Mhow.

1875. PHOTHEDES VEPRECOLA.

Protheodes (sic) veprecola, Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 456.

I. M., Poona' (Swinhoe).

Collection Swinhoe, Mhow, Poona, Bombay.

Genus Bagada.

1876. BAGADA PYROCHROMA.

Bagada pyrochroma, Walker, Cat. Lep. Het. B. M., xv, p. 1753, (1858).

Moore, Lep. Ceyl. iii, p. 48, (1884).

Ceylon.

Genus Dyrzela.

1877. Dyrzela Plagiata.

Dyrzela plagiata, Walker, Cat. Lep. Het. B. M., xv, p. 1758, (1858). N. India.

Genus Piada.

1878. PIADA MULTIPLICANS.

Piada multiplicans, Walker, Cat. Lep. Het. B. M., xv, p. 1747, (1858). Canara.

FAMILY ANTHOPHILIDÆ.

Genus Agrophila.

1870. AGROPHILA SULPHURALIS.

Phalena (Pyralis) sulphuralis, Bergstr., Ins. Suec. i, 16.*
Linn. Syst. 2521.

AGROPHILA SULPHURALIS—continued.

Phalana (Pyralis) sulphuralis, Fuessl., Ins. 812.*
Noctua sulphurea, Wien., Verz. 93, 6.*
Esp., Schmett iv, pl. 164, fig. 6.*
Bork., Eur. Schmett iv, 806, 372.*
Dup., Hist. Nat. Lep. Fr. vii, 459, pl. 123, fig. 3.*
Bombyx lugubris, Fabr., Ent. Syst. iii, 1, p. 467, No. 188, (1793).
———— Donov., Brit. Ins. x, pl. 339.*
Pyralis trabealis, Scop., Ent. Carn. 610.*
Noctua trabeata, Scriba, Beitr., pl. 10, fig. 8.*
Noctua arabica, Berl., Mag. iii, 412.*
Bork., Eur. Schmett 807, 373.*
Emmelia sulphurea, Hübn., Verz. bek. Schmett, p. 254, No. 2509, (1816).
Erastria sulphurea, Treit., Schmett v, 251, 1.*
Erastria sulphuralis, Steph., Ill. Brit. Ent. iii, 117.*
Phytometra sulphurea, Han., Lep. Brit. 262.*
Authophila sulphurea, Meig., Handb. 184, 98, pl. 13, fig. 11.*
Syst. Besch. iii, 242, 9, pl. 120, fig. 1,*
Agrophila sulphurea, Boisd., Ind. Meth. p. 175, No. 1400, (1840).
Agrophila sulphuralis, Guén., Noct. ii, 206, 971,*
Eversen, Fauna Volga, Ural, p. 461.*
Walker, Cat. Lep. Het. B. M. xii, 773, (1857).
Moore, 2nd Yarkand Miss. Lep. p. 12, (1879). Butler, Ann. Mag. N. H. 5, ix, p. 210, (1882).
Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
Agrophila trabealis, Ersch., Lep. Turkestan, p. 52, No. 179, (1874).
Collection Swinhoe, Candahar, Quetta, Ispingil (Beluchistan).
Also recorded from Europe, Turkistan, and Yarkand.
The recorded from Burepe, Luthietan, and Tarkand,

Genus Anthophila.

1880. ANTHOPHILA BULLA.

Anthophila bulla, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 9.

Collection Swinhoe, Karachi.

1881. Anthophila derogata.

Micra derogata, Walker, Cat. Lep. Het. B. M., xii, p. 825, (1857).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518.

Anthophila derogata, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 18, (1884).

Collection Swinhoe, Solun, Karachi.

Also recorded from Ceylon and Australia.

1882. Anthophila divisa.

Thalpochares divisa. Moore, Proc. Zool. Soc. Lond. 1881, p. 371.

Anthophila divisa, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 10, (1884).

Collection Swinhoe, Sikkim.

Also recorded from Allahabad, Calcutta, Ceylon.

1883. ANTHOPHILA HEMIRHODA.

Micra hemirhoda, Walker, Cat. Lep. Het. B. M., xxxiii, p. 799, (1865).

Anthophila roseifascia, Walker, loc. cit., p. 803, (1865).

Anthophila hæmorrhoida, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

Thalpochares adulans, Felder & R. Reise, der Novara Lep., pl. 108, fig.

11, (1864-75).

Anthophila hemirhoda, Moore, Lep. Ceyl. iii, p. 53, (1884).

Java, Ceylon, Bengal.

1884. Anthophila indecisa.

Anthophila indecisa, Walker, Cat. Lep. Het. B. M., xii, p. 829, (1857). Punjab.

1885. Anthophila innubila.

Anthophila innubila, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447. Collection Swinhoe, Mhow.

1886. Anthophila Ligaminosa.

Amphipyra ligaminosa, Eversm., Bull. Soc. Imp. Nat. Mosc. xxiv,
No. 2, p. 630, (1851).

Anthophila ligaminosa, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.

— Walker, Cat. Lep. Het. B. M. xiii, p. 1026, (1857).

Autophila (sic) ligaminosa, Butler, Ann. Mag. N. H. ix, p. 5 (5), (1882).

Collection Swinhoe, Candahar, Quetta.

Also recorded from Armenia.

1887. Anthophila nebulifera.

Anthophila nebulifera, Walker, Cat. Lep. Het. B. M. xxxiii., p. 802, (1865). S. India.

1888. Anthophila Plana.

Anthophila (?) plana, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 92, (1862-64).

Walker, Cat. Lep. Het. B. M. xxxiii, p. 801, (1865).

India.

1889. Anthophila Zamia.

Anthophila zamia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 12.

Collection Swinhoe, Karachi.

Genus Thalpochares.

1820. THALPOCHARES ALBIDA.

Thalpochares albida, Moore, Proc. Zool. Soc. Lond. 1881, p. 370. Bombay.

1591. THALFOCHARES BIFASCIATA.

Thalpochares bifasciata, Moore, Proc. Zool, Soc. Lond. 1881, p. 371. Allahabad, Punjab.

1892. THALPOCHARES FLAVIDA.

Thalpochares flavida, Moore, Proc. Zool. Soc. Lond. 1881, p. 371. Allahabad, Punjab.

1893. Thalpochares parvula.

Thalpochares parvula, Moore, Proc. Zool. Soc. Lond. 1881, p. 369. Bombay.
Allied to the European T. parva.

1894. THALPOCHARES QUADRILINEATA.

Thalpochares quadrilineata, Moore, Proc. Zool. Sec. Lond. 1881, p. 370, pl. 38, fig. 14.

Descr. Ind. Lep. Atk. ii, p. 140, (1882).

Calcutta.

1895. THALPOCHARES RIVULA.

Thalpochares rivula, Moore, Descr. Ind. Lep. Atk. ii, p. 140, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457; & 1886, p. 447.

Collection Swinhoe, Bombay, Mhow, Karaehi. Also recorded from Calcutta.

1896. THALPOCHARES ROSEANA.

Micra roseana, Van M. de Ring, MS.

Thalpochares roseana, Moore, Proc. Zool. Soc. Lond. 1881, p. 370.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Sikkim, Mhow, Bombay.

Also recorded from Dharmsala.

Allied to T. rivula.

1897. Thalpochares trifasciata.

Thalpochares trifusciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 370, pl. 38, fig. 21.

Descr. Ind. Lep. Atk. ii, p. 139, (1882).

Calcutta.

1898. THALPOCHARES UBEROSA.

Thalpochares uberosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457. Collection Swinhoe, Poona.

Genus Micra.

1899. MICRA BALUX.

Micra balux, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 14. Collection Swinhoe, Karachi.

1900. MICRA CHALYBEA.

Micra chalybea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 10.

Collection Swinhoe, Karachi.

1901. MICRA FURIA.

Micra furia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 13. Collection Swinhoe, Karachi.

Genus Loptosia.

1902. LEPTOSIA QUINARIA.

Leptosia quinaria, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.

Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.

Proc. Zool. Soc. Lond. 1886, p. 445.

Collection Swinhoe, Solun, Mhow, Quetta, Karachi. Also recorded from Allahabad and Manpuri.

Genus Tima.

1903. TIMA MARGARITA.

Phalana (Noctua) margaritata, Drury, Ins. iii, p. 28, pl. 21, fig. 6, (1782). Tima margarita (sic), Walker, Cat. Lep. Het. B. M. xii, p. 840, (1857). N. India.

Genus Hydrelia.

1904. Hydrelia conjugata.

Hydrelia conjugata, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.

Deser. Ind. Lep. Atk. ii, p. 139, (1882).

Darjiling.

1905. HYDRELIA SEMILUGENS.

Hydrelia semilugens, Walker, Cat. Lep. Het. B. M. xii, p. 814, (1857). India.

Genus Hyela.

1906. HYELA CURVIFERA.

Hydrelia curvifera, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 91.
(1862-64).

Cat. Lep. Het. B. M. xxxiii, p. 797, (1865).

Hyela curvifera, Moore, Lep. Ceyl. iii, p. 56, (1884).

Ceylon.

1907. HYELA LATIVITTA.

Bankia lativitta, Moore, Proc. Zool. Soc. Lond. 1881, p. 373. Hyela (sic) lativitta, Moore, Lep. Ceyl. iii, p. 56, pl. 150, fig. 9, (1884). Nilgiri Hills.

Genus Phyllophila.

1908. PHYLLOPHILA MODESTA.

Phyllophila modesta, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 13, (1884). Ceylon.

Genus Eublemma.

1909. Eublemma amabilis.

Enhlemma amabilis, Moore, Lep. Ceyl. iii, p. 54, pl. 150, fig. 12, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Mhow.

Also recorded from Ceylon.

Genus Maradana.

1910. MARADANA RIVULATA.

Maradana rivulata, Moore, Lep. Ceyl. iii, p. 58, pl. 150, fig. 14, (1884). Ceylon.

Genus Odice.

1911. ODICE TRANSVERSA.

Odice transversa, Moore, Lep. Ceyl. iii, p. 57, pl. 150, fig. 15, (1884). Ceylon.

Allied to O. abscissa from South Africa.

Genus Paracrama.

1912. PARACRAMA DULCISSIMA.

Nolasena dulcissima, Walker, Journ. Linn. Soc. Lond. Zool. vii, p. 76.

Cat. Lep. Het. B. M. xxxiii, p. 860, (1865).

Moore, Proc. Zool. Soc. Lond. 1877, p. 606.

Paracrama dulcissima, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 11, (1884).

Andaman Islands, Ceylon, Borneo.

FAMILY ORTHOSIIDÆ.

Genus Orthosia.

1913. ORTHOSIA CURVIPLENA.

Orthosia curviplena, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865); & xxxv, p. 1960, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 56.

I. M., Sikkim. Collection Swinhoe, Sikkim.

1914. ORTHOSIA ERUBESCENS.

Orthosia erubescons, Butler, Ann. Mag. N. H. (5), 5, p. 224, (1880).

Proc. Zool. Soc. Lond. 1881, p. 618,

I. M., Kulu (Young). Collection Swinhoe, Nilgiri Hills, Kasauli, and Sikkim.

1915. ORTHOSIA EXTERNA.

Orthosia externa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 56.

Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Sikkim.

Collection Swinhoe, Kasauli.

1916. ORTHOSIA INFREQUENS.

Orthosia infrequens, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47, fig. 11.

Collection Swinboe, Karachi.

1917. ORTHOSIA RECTIVITTA.

Orthosia rectivitta, Moore, Proc. Zool. Soc. Lond. 1881, p. 353.

Descr. Ind. Lep. Atk. ii, p. 120, (1882).

Sikkim.

1918. ORTHOSIA SINENS.

Orthosia sinens, Walker, Cat. Lep. Het. B. M. xi, p. 746, (1857). India.

1919. ORTHOSIA UNIFORMIS.

Orthosia uniformis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350, pl. 9, fig. 6.

Collection Swinhoe, Quetta.

Genus Tæniocampa.

1920. TENIOCAMPA CASTANEIPARS.

Twniocampa castaneipars, Moore, Descr. Ind. Lep. Atk. ii, p. 122, (1882). Sikkim.

Allied to T. leucographa of Europe.

1921. TÆNIOCAMPA CHIKLIKA.

Taniocampa chiklika, Moore, Ann. Mag. N. II. 5, i, p. 234, (1878).

2nd Yarkand Miss. Lep. 1879, p. 11, pl. 1, fig. 11.

Yarkand.

Genus Ranaja.

192?, RANAJA FASCIATA.

Ranaja fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 121, pl. iv, fig. 18. (1882).

Genus Dimya.

1923. DIMYA SINUATA.

Dinya sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 122, pl. 4, fig. 17, (1882).

Genus Aramuna.

1924. ARAMUNA MARGINATA.

Aramuna marginata, Moore, Lep. Ceyl. iii, p. 36, pl. 149, fig. 6, (1884). Ceylon.

FAMILY HADENIDE.

Genus Eurois.

1925. Eurois auriplena.

Eurois auriplena, Walker, Cat. Lep. Het. B. M. xi. p. 557, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Hadena auriplena, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.

Truchea auriplena, Moore, Lep. Ceyl. iii, p. 37, pl. 148, fig. 2, (1884).

I. M., N. Khasi Hills, Sibsagar (Peal), Kulu (Young), Sikkim (purchased, also Barnes).

Collection Swinhoe, Sikkim, Kulu, Nilgiri Hills.

Also recorded from Ceylon.

1926. Eurois crassipennis.

Eurois crassipennis, Walker, Cat. Lep. Het. B. M. xi, p. 558, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Collection Swinhoe, Punjab.

Also recorded from Sylhet.

1927. Eurois inclusa.

Eurois inclusa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 725, (1865).

Moore, Lep. Ceyl. iii, p. 37, (1884).

Ceylon.

1928. Eurois magnifica.

Eurois magnifica, Moore, Descr. Ind. Lep. Atk. ii, p. 127, (1882).

Collection Swinhoe, Dharmsala.

Also recorded from Sikkim.

Allied to the European E. occulta and the Japanese E. virens.

1929. EUROIS REPUGNANS.

Eurois repugnans, Walker, Cat. Lep. Hot. B. M. xi, p. 751, (1857). India.

1930. Eurois Turbata.

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Eurois turbata, Walker, Cat. Lep. Het. B. M. xv, p. 1720, (1858). N. India,

Genus Hadena.

1931. HADENA ADJUNCTA.

Hadena adjuncta, Moore, Proc. Zool. Soc. Lond. 1881, p. 357. Dalhousie.

· Allied to the European H. satura.

1932. HADENA ALBIDISCA.

Hadena albidisca, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6, fig. 17. Bengal.

1933. HADENA ATROVIRENS.

Hadena atrovirens, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).

I. M., Khasi Hills (purchased), Sikkim (De Niceville).

1934. HADENA CONSTELLATA.

Hadena constellata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 21, (1882).

Sikkim.

Allied to H. satura and H. confundens of Europe.

1935. HADENA DISTANS.

Hudena distans, Moore, Doscr. Ind. Lep. Atk. ii, p. 130, (1882). Collection Swinhoe, Kasauli.

Also recorded from Sikkim and the Khasi Hills.

Allied to H. indistans.

1936 HADENA HASTATA.

Hadena hastata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 20, (1882).

1937. HADENA INDISTANS.

Astrapetis indistans, Moore, Lep. Ceyl. iii, p. 38, pl. 148, fig. 5, (1884).
Collection Swinhoe, Poona, Bombay.

Also recorded from Central India and Ceylon.

1)

1938. HADENA LANCEOLA.

Hadena lanceola, Moore, Proc. Zool. Soc. Lond. 1867, p. 59. Bengal.

1939. HADENA MEDIA.

Hadena media, Walker, Cat. Lep. Het. B. M, xi, p. 756, (1857); & xxxiii, p. 727, (1865).

1940. HADENA NIVEIPLAGA.

Hadena niveiplaga, Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857). I. M., Kulu (Young). Collection Swinhoe, Kasauli, Sikkim.

1941. HADENA RUPTISTRIGA,

Hadena ruptistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1865). Astrapetis ruptistriga, Moore, Lep. Ceyl. iii, p. 33, (1884). Ceylon.

1912. HADENA SIDERIFERA.

Hadena siderifera, Moore, Proc. Zool. Lond. 1881, p. 357.

Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Kulu (Young).

Collection Swinhoe, Simla, Sikkim, and Nilgiri Hills.

Allied to II. albiteaura and II. constellata.

1943. HADENA SPARGENS.

Hadena spargens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1875). India.

1944. HADENA STOLICZKANA.

Hadena stoliczkana, Moore, Ann. Mag. N. H. (5) i, p. 234, (1878).

2nd Yarkand Mission, Lep. 1879, p. 11, pl.
1, fig. 12.

I. M, Moore's type (2nd Yarkand Mission).

Gems Berrheea.

1945. BERRHÆA ALBINOTA.

Hadena albinota, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Berrhæa albinota, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.

Descr. Ind. Lep. Atk. ii, p. 129, (1882).

Bengal, Sikkim.

1946. BERRHEA AURIGERA.

Berrhæa aurigera, Walker, Cat. Lop. Het. B. M. xv, p. 1721, (1858).

Moore, Proc. Zool. Soc. Lond. 1881, p. 356.

Descr. Ind. Lep. Atk. ii, p. 128, (1882).

Collection Swinhoe, Sikkim.

Part III.

1947. BERRHÆA MEGASTIGMA.

Hadena megastigma, Walker, Cat. Lep. Het. B. M. xxxiii, p. 738, (1865);
and xxxv, p. 1961, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Berræa megastigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.

Descr. Ind. Lep. Atk. ii, p. 129.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1948. BERRHÆA OLIVACEA.

Berrhea olivacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 357.

Descr. Ind. Lep. Atk. ii, p. 129, (1882).

Sikkim.

Allied to B. megastigma.

Genus Dianthecia.

1949. Dianthecia auroviridis.

Hadena auroviridis, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6, fig. 11.

Collection Swinhoe, Nilgiri Hills.

Also recorded from Bengal.

1950. DIANTHECIA CALAMISTRATA.

Dianthecia calamistrata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, pl. 4, fig. 23, (1882).

Sikkim.

Allied to D. perplexa.

1951. DIANTHECIA CONFLUENS.

Dianthecia confluens, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 20.

Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Sikkim.

1952. DIANTHECIA LITERATA.

Dianthecia literata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882). Sikkim.

1953. DIANTHECIA LUTEIFRONS.

Dianthecia luteifrons, Walker, Cat. Lep. Het. B. M., xi, p. 761, (1857); and xxxiii, p. 721, (1865).

N. India.

1954. DIANTHECIA STELLIFERA.

Dianthecia stellifera, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882). Sikkim.

1955. DIANTHECIA VENOSA.

Dianthecia venosa, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882).

Sikkim.

Allied to D. literata.

Genus Euplexia.

1956. EUPLEXIA ALBOVITTATA.

Euplexia albovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 16.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).

Butler, Ann. Mag. Nat. Hist. (5), 5, p. 225, (1880).

I. M., Kasauli (Swinhoe), N. Khasi Hills, Sikkim.

Collection Swinhoe, Nilgiri Hills, Sikkim, Kasauli, and Thundiani.

1957. EUPLEXIA CUPREA.

Euplexia cuprea, Moore, Proc. Zool. Soc. Lond. 1874, p. 578. Simla.

1958. EUPLEXIA DISCISIONATA.

Euplexia discisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 9.

Walker, Cat. Lep. Het. B. M., xxxv, p. 1960, (1866).

I. M., Sikkim (purchased).

1959. EUPLEXIA DISTORTA.

1960. EUPLEXIA SINUATA.

Euplexia sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 125, pl. 4, fig. 25, (1882).

Sikkim.

1961. EUPLEXIA SEMIFASCIA.

Hadena semifascia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 737, (1865). Euplexia semifascia, Butler, Proc. Zool. Soc. Lond. 1883, p. 161. Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

I. M. No locality (Swinhoe).

Collection Swinhoe, Kulu, Dharmsala, Nilgiri Hills, and Satara.

1962. EUPLEXIA STRIATOVIRENS.

Euplexia striatovirens, Moore, Proc. Zeol. Soc. Lond. 1867, p. 58.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).

Collection Swinhoe, Sikkim.

Genus Anarta.

1963. Anarta gemmifera.

Plusia gemmifera, Walker, Cat. Lep. Het. B. M. xii, p. 934, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Anarta gemmifera, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.

Nilgiri Hills.

1964. Anarta Ladakensis.

Anarta ladakensis, Felder & R. Reise, Novara Lep., pl. 108, fig. 38, (1864-75).

Himalayas.

Genus Radinacra.

1965. RADINACRA PLACIDA.

Radinacra placida, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4, (1884). Ceylon.

1966. RADINACRA RENALIS.

Radinacra renalis, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4a, (1881). Ceylon.

1967. RADINACRA THORACICA.

Radinacra thoracica, Moore, Lep. Ceyl. iii, p. 31, pl. 148, fig. 4, (1884). Ceylon.

1968. RADINACRA VARIANA.

Radinacra variana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 414, pl. 44, fig. 10.

Collection Swinhoe, Mhow.

Genus Hecatera.

1969. HECATERA MODESTA.

Hecatera modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 125 (1882). Cashmir.

Allied to *II. magnolii* and *II. xanthocyanea* of Europe.

1970. HECATERA TRANSVERSA.

Hecatera transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 125: (1882). Cashmir.

Allied to H. serena of E urope.

Genus Sarbanissa.

1971. SARBANISSA INSOCIA.

Sarbavissa insocia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 746, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 60.

Sikkim.

Genus Checupa.

1972. CHECUPA FORTISSIMA.

Checupa fortissima, Moore, Proc. Zool. Soc. Lond. 1867, p. 60, pl. 6, fig. 5-Sikkim.

Genus Chutapha.

1973. CHUTAPHA COSTALIS.

Chutapha costalis, Moore, Descr. Ind. Lep. Atk. ii, p. 131, (1882). Sikkim.

Genus Nikara.

1974. NIKARA CASTANEA.

Nikara castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 126, pl. 4, fig. 24, (1882),
Sikkim.

Genus Appana.

1975. APPANA INDICA.

Phlogophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 57.

Appana indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 355.

Descr. Ind. Lep. Atk. ii, p. 127, (1882).

Collection Swinhoe, Sikkim.

Also recorded from Bengal.

Genus Dryobata.

1976. DRYOBATA LEUCOSTICTA.

Dryobata leucosticta, Moore, Descr. Ind. Lep. Atk. ii, p. 129, pl. 4, fig. 22, (1882).

Sikkim.

Allied to the European D. roboris.

Genus Trigonophora.

1977. TRIGONOPHORA ALBOSIGNATA.

Trigonophora albosignata, Moore, Proc. Zool. Soc. Loud. 1881, p. 255.

N.-W. Himalayas.

Allied to the European T. empyrca.

Genus Hyada.

1978. HYADA GRISEA.

Hyada grisca, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 26, (1882), Sikkim.

Geuus Charidea.

1979. CHARIDEA QUINQUE-BRUNNEUM.

Charidea quinque brunneum, Guén., Noct. ii, 62, 750.*
Walker, Cat. Lep. Het. B. M. xi, p. 538, (1857).

Pondicherry.

FAMILY NOCTUIDÆ.

Genus Agrotis.

1980. Agrotis	AQUILINA.
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Noctua aquilina, Schiff., Wien. Verz. 80, 6.*
Bork., Eur. Schmett 156.**
Hübn., Sainml. Eur. Schmett Noct., pl. 29, fig. 135.*
God., Hist. Nat. Lep. Fr. v, pl. 115, fig. 635.
Noctua domestica, Fabr., Ent. Syst. iii, 2, p. 23, No. 48, (1794).
Noctua nigrofasca, Esp., Schmett iv, pl. 127, fig. 6.*
var. Agrotis vitta, Troit., Schmett v, i, 132, 5.*
Steph., Ill. Brit. Ent. Haust. ii, 120.
Noctua vitta, Esp., Schmett, pl. 143, fig. 6.*
Bork, Eur. Schmett iv, 191 (?).
Hübn., Eur. Schmett Noct., figs. 533, 534.*
God., Hist. Nat. Lep. Fr. v, pl. 64, figs. 4 & 5.*
Noctua (Agrotis) vitta, Meig., Syst. Besch. iii, 83, 3, pl. 92, fig. 12.*
Metaxya aquilina, Meig., Syst. Besch. iii, 84, 4, pl. 93, fig. 7.*
Noctua tritici, God., Hist. Nat. Lep. Fr. v, pl. 65, figs. 4, 5.
Agrotis aquilina, Treit., Schmett. Eur. v, i, 134, 6.*
Boisd., Ind. Meth., 110, 841, (1840).
Guén., Ann. Soc. Ent. Fr. (1), vi, 355, (1837).
Noct. i, 289, 472,*
Walker, Cat. Lep. Het. B. M. x, p. 321, (1856).
Moore, 2nd Yarkand Miss, Lep., p. 10, (1879).
I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1981. AGROTIS ARISTIFERA.

Agrotis aristifera, Guen., Noct. 1, p. 266, No. 426, (1852)*.	
Walker, Cat. Lep. Het. B. M., x, p. 344, (1856).	
Butler, Proc. Zool. Soc. Lond. 1883, p. 160; and	1886,
p. 380.	
Moore, Lep. Ceyl. iii, p. 32, pl. 147, fig. 5, (1884).	
	1885,
p. 453; and 1886, p. 444.	
Agrotis munda, Walker, Cat. Lep. Het. B. M. x, p. 348, (1856).	

I. M., Mhow (Swinhoe), Solun (Swinhoe), no locality (Karachi

Museum), Kulu (Young).
Collection Swinlioe, Solun, Mhow, Karachi, Poona, Nilgiri Hills.
Also recorded from Central India, Ceylon, Australia, and New Zealand.

1982. AGROTIS AVERSA.

Agrotis aversa, Walker, Cat. Lep. Het. B. M. x, p. 345, (1856).

Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349.

Butler, Proc. Zool. Soc. Lond., 1886, p. 380.

Caradrina triturata, Walker, loc. cit. x, p. 295, (1856).

Agrotis certificata, Walker, loc. cit. xxxii, p. 697, (1865).

Collection Swinhoe, Candahar.

Also recorded from Murroe.

1983. AGROTIS CESPITIS.

Agrotis cespitis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 4. Collection Swinhoe, Quetta.

1984. AGROTIS CONFORMIS.

Agrotis conformis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 5.

Collection Swinhoe, Quetta.

1985. AGROTIS CONGRUA.

Agrotis congrua, Walker, Cat. Lep. Het. xxxii, p. 695, (1865).

Moore, Lep. Ceyl. iii, p. 33, (1884).

Ceylon.

1986. AGROTIS CONSPURCATA.

Agrotis conspurcata, Walker, Cat. Lep. Het. xxxii, p. 696, (1865).

Moore, Lep. Ceyl. iii, p. 33, pl. 147, figs. 7, 7a, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

Collection Swinhoe, Simla, Poona, Sikkim, Nilgiri Hills.

Also recorded from Ceylon.

Allied to A. correcta of Europe.

1987. AGROTIS CORRECTA.

Agrotis correcta, Walker, Cat. Lep. Het., x, p. 345, (1856). Collection Swinhoe, Nilgiri Hills. Also recorded from North India.

1988. AGROTIS FRATERNA.

Agrotis fraterna, Moore, Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Butler, Proc. Zool. Soc. Lond. 1883, p. 160.

Collection Swinhoe, Simla, Kasauli, and Thundiani.

Also recorded from Sikkim and the Nilgiri Hills.

Allied to A. corticea of Europe.

1989. AGROTIS (?) HYBLEA.

Agrotis hyblica, Felder & R. Reise, Novara, pl, 108, fig. 43, (1864-75), N.-W. Himalayas.

1990. AGROTIS INTAMINATA.

Agrotis intaminata, Walker, Cat. Lep. Het. xxxii, p. 698, (1865). S. India.

1991. Agrotis intracta.

Agrotis intracta, Walker, Cat. Lep. Het., x, p. 346, (1856). Nepal.

1992. AGROTIS JUNCTURA.

Agrotis junctura, Moore, Proc. Zool. Soc. Lond. 1881, p. 351.

Dalhousie.

Allied to A. hastifera of Europe.

1993. AGROTIS LASSA.

Agrotis lassa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 414. Collection Swinhoe, Mhow. Allied to A. repulsa.

1994. AGROTIS MODESTA.

Agrotis modesta, Moore, Proc. Zool, Soc. Lond. 1881, p. 351. Collection Swinhoe, Cashmir. Allied to A. aquilina of Europe.

19:5. AGROTIS PLACIDA.

Agrotis placida, Moore, Descr. Ind. Lep. Atk. ii, p. 117, pl. iv, fig. 19. (1882).

Cashmir, Calcutta.

Allied to A. multangula of Europe.

1996. AGROTIS PLAGIATA.

Agrotis plagiata, Walker, Cat. Lep. Het. B. M., xi. p. 740, (1857).

Tiracola plagiata, Moore, Proc. Zool. Soc. Lond. 1881, p. 352.

Descr. Ind. Lep. Atk. ii, p. 117.

Lep. Ceyl. iii, p. 34, pl. 148, ligs. 1 1a (1881).

Agrotis plagifera, Walker, Cat. Lep. Het. B. M. xi, p. 741, (1857).

Ceylon, S. India, Sikkim.

1997. AGROTIS PUNCTIPES.

Agrotis punctipes, Walker, Cat. Lep. Het. B. M. xi, p. 695, (1857).

Moore, Lep. Ceyl. iii, p. 32, (1884).

Ceylon.

1998. AGROTIS QUADRISIGNA.

Agrotis quadrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 350. Chersotis quadrisigna, Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

I. M., Kulu (Young), no locality (Swinhoe).

Collection Swinhoe, Solun, Nilgiri Hills, Mahableshwar.

Also recorded from Dehra.

Allied to the European species A. labyrinthica, A. placida, and rectangula.

1999. AGROTIS REPULSA.

Agrotis repulsa, Walker, Cat. Lep. Het. B. M. xxxii, p. 696, (1865). S. India.

2000. Agrotis segetum.

Noctua segetum, Schiff., Wien. Verz., p. 252, (1776)*.
Selys Longchamps, Ann. Soc. Ent. Belg. x, Comptes R.,
pp. viii-x, (1867).
Agrotis segetum, Newman, Zool. 1865, p. 9545.
Guérin, Rev. et Mag. de Zool. 1864, p. 58.
Wien, Verz. 81, 12, p. 1, figs. 3a, b.*
Taschenberg, Naturg. Wirbell. Thière 1865, p. 100, pl. I,
figs. 8-10*.
Künstler, Verh. Zool. Bot. Ges. Wien. xvii, p. 932, (1867).
Moore, 2nd Yarkand Mission, p. 10, (1879).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; and 1886, p.
414.
Trans. Ent. Soc. Lond. 1885, p. 349.
Phalana (Noctua) segetis, Linn. Syst. Nat. 1, v, p. 2539, No. 1018, (1788-
93).
T 35 TO 1 () 17 1 (37) 37 1 1 (3) 35

I. M., Prussia (exchange), Kulu (Young), Yarkand (2nd Mission), Solun (Swinhoe), Ceylon (Colombo Museum).

Collection Swinhoe, Solun, Nilgiri Hills, Mhow, Poona, Quetta, Dubrai, Sikkim, Hydrabad (Sind), Thundiani (Punjab).

2001. Agrotis suffusa.

Noctua suffusa, Fabr., Mant. Ins. ii, p. 157, No. 155, (1787).

Phalana (Noctua) suffusa, Linn., Syst. Nat. i, 5, p. 2541, No. 1028,(1788-93).

Agrotis suffusa, Treit., Schmett Eur. v, 1, 152, 15*.

Steph., Ill. Brit. Haust. ii, 116*.

Guén., Noct. i, p. 268*.

Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

Butler, Proc. Zool. Soc. Lond. 1883, p. 160; & 1886, p. 380.

Moore, Lep. Ceyl. iii, p. 33, pl. 147. fig. 6, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; & 1886, p. 444.

Trans. Ent. Soc. Lond. 1885, p. 349.

Phalana idonea, Cram., Pap. Exot. iii, pl. 275, fig. II; and pl. 311, fig. A, (1780).

Bombyx spinula, Esp., Schmett iii, pl. 63, figs. 6, 7.*

Peidroma suffusa, Hübn., Verz. Bek. Schmett, p. 227, No 2275, (1816).

I. M., Ghazipore, Kulu (Young), Calcutta (Cotes and De-Niceville).

Collection Swinhoe, Solun, Sikkim, Quetta, Mhow, Poona.

Also recorded from Europe, America, Australia, New Zealand, Africa, China, Ceylon.

2002. AGROTIS TIBETANA.

Agrotis tibetana, Moore, Ann. Mag. N. H. 5, i, p. 233, (1878).

2nd Yarkand Mission Lep., p. 10, pl. 1, fig. 16, (1879).

I. M., Type, Moore (2nd Yarkand Mission).

2003. AGROTIS VANA.

Agrotis vana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453, pl. 27, fig. 9. Collection Swinhoe, Satara, Poona.

Genus Spælotis.

2004. Spelotis coruscantis.

Spælotis coruscantis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348, pl. 9, fig. 3.

Collection Swinhoe, Chaman (S. Afghanistan).

2005. SPÆLOTIS FRACILIS.

Spælotis fragilis, Butler, Proc. Zool. Soc. Lond. 1883, p. 160. Collection Swinhoe, Solun. Allied to S. decora of Europe.

2006. SPÆLOTIS INDIANA.

Agrotis indiana, Guén , Noct. i, 302, 500*. Spalotis indiana, Walker, Cat. Lep. Het., x, p. 372, (1856). India.

2007. SPELOTIS UNDULANS.

Genus Graphiphora.

2008. GRAPHIPHORA BASISTRIGA.

Graphiphora basistriga, Moore, Proc. Zool. Soc. Lond. 1867, p. 54. Sikkim.

2009. Graphiphora cerastiones.

Graphiphora cerastioides, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).

I. M., Sikkim.

2010. GRAPHIPHORA COGNATA.

Graphiphora cognata, Moore, Descr. Ind. Lep. Atk. ii, p. 119, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

Collection Swinhoe, Sikkim, Poona, Khandalla,

2011. GRAPHIPHORA FASCIATA.

Graphiphora fusciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866),
Sikkim.

2012. GRAPHIPHORA FLAVIRENA.

Graphiphora flavirena, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 3.

Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.

Allied to G. neglecta.

2013. GRAPHIPHGRA FRONTALIS.

Graphiphora frontalis, Moore, Lep. Ceyl. iii, p. 35, pl. 148, fig. 3, (1884). Ceylon.

2014. GRAPHIPHORA INTERSTINCTA.

Graphiphora interstincta, Moore, Descr. Ind. Lep. Atk. ii, p. 118, (1882). Sikkim.

Allied to the European G. bella.

2015. GRAPHIPHORA NIGROSIGNA.

Graphiphora nigrosigna, Moore, Proc. Zool. Sec. Lond. 1881, p. 352, pl. 38, fig. 4.

Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.

Allied to G. bella of Europe.

2016. Graphiphora c-nigrum.

Phalana (Noctua) c-nigrum, Linn., Faun. Suec. 1193*.
Clerck, Icon., pl. i, fig. 3*.
Linn., Syst. Nat. i, 5, p. 2542, No. 16
(1788-93).
Noctua c-nigrum, Wien., Verz. 77, 7*.
Fabr., Mant. Ins. ii, p. 154, No. 140, (1787).
Kock., Beit. Ins. iii, pl. 5, fig. 1*.
Bork., Eur. Schmett iv, 492, 194*.
Hübn., Saiuml. Eur. Schwett Noct., pl. 24, fig. 111*.
God., Hist. Nat. Lep. Fr. ii, 177, pl. 6, fig. 1*.
Boisd., Ind. Meth. p. 104, No. 777, (1840).
Guén., Ann. Soc. Ent. Fr. (1), vi, p. 363, (1837).
Noct. i, 328, 545*.
Meig., Syst. Besch. iii, 100, 34, pl. 93, fig. 4*.
Bombyx non-atrum, Esp., Schmett, Text, 385*.
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Noctua gothica (var. singularis), Esp., Schmett iii, pl. 76, fig. 3*.
Megasema c-nigrum, Hübn., Verz. Bek. Schmett, p. 223, No. 2231, (1816)
Graphiphora c-nigrum, Steph., Ill. Brit. Ent. Haust. ii, 136*.

.. Westw., & H., Brit. Moths, ii, 132, pl. 26, figs. 4, 5*.

GRAPHIPHORA C-NIGRUM-continued.

Graphiphora c-nigrum, Walker, Cat. Lep. Het. B. M. x, p. 389, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 54.

Butler, Ann. Mag. N. H. (5), 5, p. 224, (1880).

Proc. Zool. Soc. Lond. 1883, p. 161.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

I. M., Kulu (Young), N. Khasi Hills, Ootacamund (Davison),
 Bombay (Swinhoe), Prussia (exchange).
 Collection Swinhoe, Simla, Nilgiri Hills, Bombay.
 Also recorded from Europe.

2017. GRAPHIPHORA RUBICILIA.

Graphiphora rubicilia, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1959,
(1866).

Sikkim,

2018. GRAPHIPHORA STELLATA.

Graphiphora stellata, Moore, Deser. Ind. Lep. Atk. ii, p. 119, (1882). Khasi Hills, Sikkim.

2019. Graphiphora vulpina.

Graphiphora vulpina, Moore, Deser. Ind. Lep. Atk. ii, p. 118, (1882). Sikkim.

Allied to G. sobrina and G. festiva of Europe.

Genus Ochropleura.

2020. OCHROPLEURA CONSANGUINEA.

Ochropleura consanguinea, Moore, Proc. Zool. Soc. Loud. 1881, p. 353. Solun, Dalhousie.
Allied to O. renalis.

2021. Ochropleura costalis.

Ochropleura costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 56.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).

Collection Swinhoe, Sikkim.

2022. OCHROPLEURA COSTIGERA.

Agrotis costigera, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.

Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Collection Swinhoe, Solun.
Also recorded from Cherrapunji.

2023. OCHROPLEURA DITRAPEZIUM.

2024. Ochropleura flammatra.

Also recorded from Europe.

Phalana flammatra, Linn. Syst. Nat. i, 5, p. 2543, No. 1034, (1788-93).

Noctua flammatra, Fabr., Mant. Ins. ii, p. 155, No. 147, (1787).

Ent. Syst. iii, 2, p. 67, No. 190, (1794).

Ogygia flammatra, Hübn., Verz. Bek. Schmett p. 225, No. 2252, (1816).

Ochropleura flammatra, Walker, Cat. Lep. Het. B. M., x, p. 408, (1856).

Guén., Noct. i, p. 327*.

Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Agrotis basiclavis, Walker, Cat. Lep. Het. B. M., x, p. 346, (1856); and xi, p. 740, (1857).

I. M., Delhi, Kulu (Young).

Collection Swinhoe, Solun, Campbellpore.

Also recorded from Europe and Brazil.

2025. Ochropleura renalis.

Ochropleura renalis, Moore, Prec. Zeol. Soc. Lond. 1867, p. 55. Bengal,

2026. Ochropleura spilota.

Ochropleura spilota, Moore, Proc. Zool. Soc. Lond. 1867, p. 55. Bengal.

2027. OCHROPLEURA TRIANGULARIS.

Ochropleura triangularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
Swinkhoe, Proc. Zool. Soc. Lond. 1885, p. 453,
Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

I. M., Sikkim.

Collection Swinhoe, Sikkim, Satara, Dharmsala. Also recorded from Murree. Allied to O. musica of Europe.

Genus Epilocta.

2028. EPILECTA CONFECTA.

Triphana confecta, Walker, Cat. Lep. Het. B. M., xv, p. 1705, (1858). India.

2029. EPILECTA OPULENTA.

Epilecta opulenta, Moore, MS.

Butler, Proc. Zool. Soc. Lond. 1883, p. 160.

Collection Swinhoe, Sikkim, Dharmsala, Nilgiri Hills.

2030. EPILECTA PULCHERRIMA.

Epilecta pulcherrima, Moore, Proc. Zool. Soc. Lond. 1867, p. 54, pl. 6, fig. 3.

I. M., Sikkim.

2031. EPILECTA SEMIHERBIDA.

Triphana semiherbida, Walker, Cat. Lep. Het. B. M., xi, p. 743, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 54.

Butler, Proc. Zool. Soc. Lond. 1883, p. 160.

Epilecta semiherbida, Butler, Ill. Typ. Lep. vi, p. 34, pl. 110, fig. 1, (1886).

Collection Swinhoe, Dharmsala.

Also recorded from Sikkim.

Genus Megasema.

2032. MEGASEMA CINNAMOMEA.

Megasema cinnamomea, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 6.

Deser. Ind. Lep. Atk. ii, p. 119, (1882).

Sikkim.

Genus Hermonassa.

2033. HERMONASSA CHALYBEATA.

Hermonassa chalybeata, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38, fig. 17.

Descr. Ind. Lep. Atk. ii, p. 119, (1882).

Sikkim.

Allied to H. consignata.

2034. HERMONASSA CONSIGNATA.

Hermonassa consignata, Walker, Cat. Lep. Hot. B. M., xxxii, p. 632, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 49.

I. M., specimens with no history.

Collection Swinhoe, Sikkim.

2035. HERMONASSA CUPRINA.

Hermonassa cuprina, Moore, Deser. Ind. Lep. Atk. ii, p. 120, (1882). Collection Swinhoe, Sikkim.

2036. HERMONASSA INCISA.

Mermonassa incisa, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882). Sikkim.

2037. HERMONASSA LUNATA.

Hermonassa lunata, Moore, Deser. Ind. Lep. Atk. ii, p. 120, (1882). Cashmir.

2038. HERMONASSA SINUATA.

Hermonassa sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38, fig. 5. Descr. Ind. Lep. Atk. ii, p. 120, (1882). Sikkim.

Allied to *II. cuprina*.

Genus Rusina.

2039. Rusina docilis.

Rusina docilis, Walker, Cat. Lep. Het. B. M., xi, p. 735, (1857). N. India.

FAMILY APAMIIDÆ.

Genus Berresa.

2040. Berresa natalis.

Berresa natalis, Walker, Cat. Lep. Het. B. M. svi, p. 214, (1858). - Moore, Lep. Coyl. iii, p. 26, pl. 146, fig. 3, (1884). Ceylon.

Genus Dipterygia.

2041. DIPTERYCIA INDICA.

Dipterygia indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 51. Sikkim.

2042. DIPTERYGIA SIKKIMA.

Dipterygia sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 105, (1882). Sikkim.

2043. DIPTERYOIA SUBCURVA.

Hadena subcurva, Walker, Cat. Lep. Het. B. M., xi, p. 592, (1857). Haden : postica, Walker, loc. cit., p. 594. Dipterygia subcurva, Moore, Lep. Ceyl. iii, p. 17, pl. 145, fig. 8, (1884). Cevlon.

Genus Sasunaga.

2044. SASUNAGA TENEBROSA.

Hadena tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 59.	
Sasunaga tenebrosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 343.	
Descr. Ind. Lop. Atk. ii, p. 106, (1882). Lop. Coyl. iii, p. 16, pl. 145, fig. 7, (1884).	
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.	. 3
Callestin C. talls. D	

Collection Swinhoe, Poona. Also recorded from Bengal and Sikkim,

Genus Thalpophila.

2015. THALPOPHILA CALOPISTRIOIDES.

That pophila callo pistrioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 344, N. India.

2046. THALPOPHILA CUPREA.

Thalpophila cuprea, Moore, Proc. Zool. Soc. Lond. 1877, p. 604, pl. 59, fig. 10.

Andaman Islands.

2047. THALPOPHILA DELINEATA.

Thalpophila delineuta, Moore, Lep. Ceyl. iii, p. 25, pl. 146, fig. 5, (1881).

Ceylon.

2048, THALPOPHILA INDICA.

Thal pophila indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

N.-W. Himalayas.

Allied to the European T. textu.

Genus Apamea.

2049. APAMEA BASALIS.

Apamea basalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 346. Dalhousic.

2050. APAMEA CONSANGUIS.

Hadena consanguis, Guén, Nect. ii, p. 97, 810*.

Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857).

Apamea undicitia, Walker, loc. cit., ix, p. 251, (1856).

Butler, Proc. Zool. Soc. Lond. 1883, p. 159.

Apamea consanguis, Moore, Lep. Ceyl. iii, p. 28, (1884).

Collection Swinhoe, Umballa. Solun, Sikkim.

Also recorded from Central India and Ceylon.

2051. APAMEA CUPRINA.

Apamea cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38, fig. 2.

Descr. Ind. Lep. Atk. ii, p. 107, (1882).

Sikkim.

Allied to A. leucosligma.

2052. APAMEA DENTICULOSA.

Apumea denticulosa, Moore, Descr. Ind. Lep. Atk. ii, p. 109, pl. 4, fig. 13, (1882).

Sikkim.

2053. APAMEA PLAVISTIGMA.

Xylophasia flavistigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 50. Bengal.

2054. APAMEA LATIFASCIATA.

Apamea latifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345. Collection Swinhoe, Kulu.
Also recorded from Manpuri.

2055. APAMEA LEUCOSTIGMA.

Xylophasia leucostigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 51. Bengal.

2056. APAMEA MUCRONATA.

Apamea mucronata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38, fig. 8.

Descr. Ind. Lep. Atk. ii, p. 108, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

I. M., Kulu (Young).

Collection Swinhoe, Poona, Khandalla, Nilgiri Hills.

Also recorded from Sikkim.

Allied to A. consanguis.

2057. APAMEA NUBILA.

Apamea nubila, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig. 10. Descr. Ind. Lep. Atk. ii, p. 108, (1882). Sikkim.

2058. APAMEA OBLIQUIORBIS.

Apamea obliquiorbis, Moore, Descr. Ind. Lep. Atk. ii, p. 100, (1882). Sikkim.
Allied to A. flavistigma.

2059. Apamea Pannosa.

Apamea pannosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 345.

Lep. Ceyl. iii, p. 27, pl. 147, fig. 1, (1884).

Collection Swinhoe, Ceylon.

Also recorded from the Nilgiri Hills.

2060. APAMEA SELECTA.

Xylophusia selecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 646, (1865). India.

2061. APAMEA SIKKIMA.

Apamea sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 109, (1882). Sikkim.

Part III.

2062. APAMEA STRIGIDISCA.

Apamea strigidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig.
9.
Descr. Ind. Lep. Atk. ii, p. 108, (1882).
Sikkim.

2063. APAMEA VIRIATA.

Apamea viriata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450. Collection Swinhoe, Poona, Khandalla, Nilgiri Hills. Closely allied to A. latifasciata.

Genus Motama.

2064. MOTAMA AURATA.

Motama aurata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 10, (1882).

Sikkim.

2065. MOTAMA CIDARIOIDES.

Motama cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 9, (1882). Sikkim.

2066. MOTAMA DECORATA.

Motama decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 11, (1882).

Sikkim.

Genus Mamestra.

2067. Mamestra albiflexura.

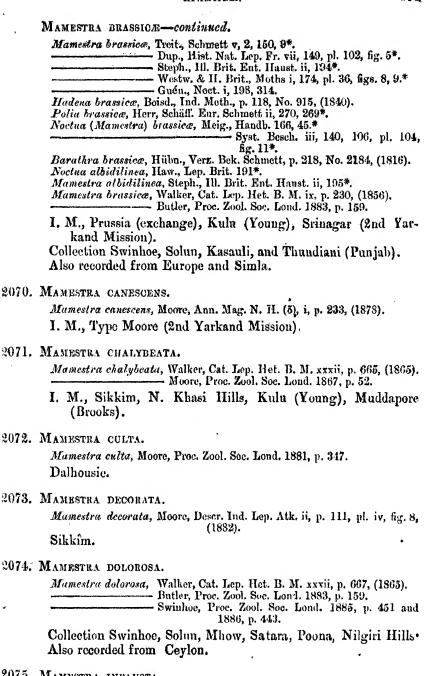
Mumestra albiflexura, Walker, Cat. Lep. Het. B. M., xi, p. 726, (1857). India.

2068. MAMESTRA ALBIRENA.

Mamestra albirena, Moore, Proc. Zool. Soc. Lond. 1867, p. 53. Calcutta, Sikkim.

2069. MAMESTRA BRASSICE.

Phalæn	a (Noctuo	i) brassica, Linn., Syst. Nat. i, 5, p. 2542, No. 163
		(1788-93).
		Faun. Suec. p. 319, No. 1205, (1761).
Nortua		Wien., Verz. 81, 21*.
		Fabr., Ent. Syst. iii, 2, p. 67, No. 189, (1794).
		Bork., Eur. Schmett iv, 584, 242*.
		Steph., Ins. ii, pl. 1*.
		Esp., Schmett, iv, pl. 159, figs, 1-6*.
		Hübn., Eur. Schmett Noct., pl. 18, fig. 88*.
**************************************		Haw., Lep. Brit. 191*.



2075. Mamestra infausta.

Mumestra infausta, Walker, Cat. Lep. Het. B. M., ix, p. 237, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Collection Swinhoe, Sikkim, Solun, Thundiani. Also recorded from Sylhet.

2076. MAMESTRA METALLICA.

Mamestra metallica, Walker, Cat. Lep. Het. B. M. xxxii, p. 666, (1865) and xxxv, p. 1957, (1866). Moore, Proc. Zool. Soc. Lond. 1867, p. 52. I. M., Sikkim,

2077. MAMESTRA NIGROCUPREA.

Mumestra nigrocuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 52. Bengal.

2078. MAMESTRA OPPOSITA.

Mamestra opposita, Walker, Cat. Lep. Het. B. M. xxxii, p. 667, (1865).

Moore, Lep. Ceyl. iii, p. 24, (1884).

Collection Swinhoe, Solun.

Also recorded from Ceylon and South India.

2079. MAMESTRA SIKKIMA.

Mamestra sikkima, Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1957, (1866).

Collection Swinhoe, Sikkim.

2080. MAMESTRA STOLICZKÆ.

Mamestra stoliczkæ, Felder & R. Reise, Novora Lep., pl. 109, fig. 32, (1864-75).

Moore, Prec. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Darjiling.

Also recorded for Dalhousie, Sind, Cashmir.

Allied to M. scrratilinea of Europe.

2081. MAMESTRA SUFFUSA.

Mamestra suffusa, Moore, Proc. Zool. Soc. Lond. 1867, p. 52. Bengul.

2082. Mamestra renalba.

Mamestra renalba, Moore, Descr. Ind. Lep. Atk. ii, p. 111, (1882). Sikkim.

Genus Prospalta.

2083. PROSPALTA ALBOMACULATA.

Mamestra albomaculata, Moore, Proc. Zool, Soc. Lond. 1867, p. 52.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1957,
(1866).

I. M., Kulu (Young), Sikkim.

2084. PROSPALTA LEUCOSPILA.

Prospalta leucospila, Walker, Cat. Lep. Het. B. M. xiii, p. 1114, (1857).

Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Sikkim.

Allied to P. stellula.

2085. PROSPALTA STELLATA.

Prospulta stellata, Moore, Deser. Ind. Lep. Atk. ii, p. 111, (1882). Sikkim.

Allied to P. leucospila and P. albomaculata.

Genus Ilattia.

2086. ILATTIA APICALIS.

Ilattia apicalis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882). Sikkim.

2087. ILATTIA CALAMISTRATA.

Ilatlia calamistrata, Moore, Proc. Zool. Sec. Lond, 1881, p. 348. Khasi Hills.

2088. ILATTIA CEPHUSALIS.

Ilattia ecphusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 209, (1858). - Moore, Proc. Zool. Soc. Lond. 1877, p. 604.
- Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
- Moore, 'Lep. Ceyl. iii, p. 27, pl. 146, 1884, 44, (1884). - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885, p. 451; and 1886, p. 443.

Amyna cephusalis, Butler, Proc. Zool. Soc. Loud. 1881, p. 617. Miana inornata. Walker, Cat. Lep. Het. B. M. xxxii, p. 677, (1865). Perigea lencospila, Walker, loc. cit. xxxii, p. 683.

Collection Swinhoe, Mhow, Karachi, Solun, Bombay, Poona, Nilgiri Hills.

I. M., Karachi, Poona and Bombay (Swinhoe).

Also recorded from Ceylon, the Andaman Islands, and China.

2089. ILATTIA CERVINA.

Ilattia cervina, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 12. — Descr. Ind. Lop. Atk. ii, p. 112, (1882). Sikkim.

2090. ILATTIA CUPREIPENNIS.

Ilattia cupreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882). Collection Swinhoe, Sikkim.

Allied to I. cephusalis.

2091. ILATTIA MONILIS.

Ilattia monilis, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 11. Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2092. ILATTIA RENALIS.

Ilattia renalis, Moore, Deser. Ind. Lep. Atk. ii, p. 113, (1882). Sikkim.
Allied to I. apicalis.

Genus Chandata.

2093. CHANDATA PARTITA.

Chandata partita, Moore, Descr. Ind. Lep. Atk. ii, p. 114, pl. 4, fig. 16, (1882).

Sikkim.

Genus Luperina.

2094. LIUPERINA LAGENIFERA.

Luperina lagenifera, Moore, Descr. Ind. Lep. Atk. ii, 114, (1882). Sikkim.

2095. Luperina olivascens.

Luperina olivascens, Moore, Descr. Ind. Lep. Atk. ii, p. 114, (1882). Sikkim.

2096. LUPERINA PARDARIA.

Luperina pardaria, Moore, Lep. Atk. ii, p. 114, pl. 4, fig. 12, (1882). Sikkim.

Genus Pachatra.

2097. PACHÆTRA HETEROCAMPA.

Pachetra heterocampa, Moore, Descr. Ind. Lep. Atk. ii, p. 115, pl. 4, fig. 15, (1882).

Sikkim.

Genus Perigoa.

2098. Perigea Apameoides.

Perigea apameoides, Guén., Noct. i, p. 229*.

Moote, Proc. Zool. Sec. Lond. 1867, p. 53
S. Andaman Islands, Calcutta.

2099. PERIGEA CENTRALIS.

Celana serna, Walker, loc. cit. xv, p. 1689, (1858).

Perigea serna, Butler, Proc. Zool. Soc. Lond. 1883, p. 159.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and p. 443*.

Perigeu illecta, Walker, loc. cit., xxxii, p. 684, (1865).

PERIGEA CENTRALIS—continued.

Perigea canorufa, Walker, loc. cit., xxxii, p. 683, (1865). Hadena spargens, Walker, loc. cit., xxxiii, p. 739, (1865). Hadena taprobanæ, Felder & R. Reise, Novara Lep., pl. 110, fig. 3, (1864-75).

I. M., Sikkim (Swinhoe), Kulu (Young), Sibsagar (Peal). Collection Swinhoe, Solun, Sikkim, Mhow, Poona, Bombay, Nilgiri Hills.

Also recorded from Ceylon and the Andaman Islands.

2100. Perigea Galaxia.

Perigea galaxia, Butler, Proc. Zool. Soc. Lond. 1883, p. 159. Collection Swinhoe, Solun, Mandi, Sikkim.

2101. Perigea sikkimensis.

Celana sikkimensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38' fig. 16. - Descr. Ind. Lep. Ask. ii, p. 113, (1882). Sikkim.

2102. Pericea supplex.

Perigea surplex, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 452. Collection Swinhoe, Poona, Bombay. Allied to P. centralis.

2103. Perigea tricycla.

Perigea tricycla, Guén., Noct. i, p. 226, 359*. Walker, Cat. Lep. Het. B. M., x, p. 275, (1856). Moore, Proc. Zool. Soc. Lond. 1867, p. 53. Sylhet.

Genus Amyna.

2104. AMYNA SELENAMPHA. Amyna sclenampha, Guén., Noct. i, p. 406*. - Walker, Cat. Lep. Het. B. M., x, p. 300, (1856); and xv, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 53: 1877, p. 604. Lep. Ceyl. iii, p. 30, pl. 147, figs. 3, 3a, (1884). Alamis spoliata, Walker, loc. cit., xiii, p. 1050, (1857). Hadena latipennis, Walker, loc. cit. xxxiii, p. 738, (1865).

> I. M., Buxa (Moti Ram), Ceylon (Colombo Museum), Sikkim (Swinhoe), Cachar (Wood-Mason), Sibsagar (Peal), Ranchi (Irvine).

> Collection Swinhoe, Sikkim, Solun, Ceylon, Buxar, Bhoctan, Nilgiri Hills.

Also recorded from Andaman Islands, Manilla, and China.

Genus Caradrina. 2105. CARADRINA ARENACEA. Caradrina arenacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 349. - Descr. Ind. Lep. Atk. ii, p. 115, (1882). - Butler, Proc. Zool. Soc. Lond. 1883, p. 158. I. M., Kulu (Young), Umballa (Swinhoe). Collection Swinhoe, Umballa, Sikkim, Kulu, Solun. Also recorded from Mussoorie. 2106. CARADRINA BELUCHA. Caradrina belucha, Swinhoe, Trans. Ent. Soc, Lond. 1885, p. 348, pl. 9, fig. 2. Collection Swinhoe, Quetta. Allied to C. insignata. 2107. CARADRINA BREMUSA. Caradrina bremusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451. Collection Swinhoe, Poona. 2108. CARADRINA CUBICULARIS. Noctua cubicularis, Wein., Verz. 726*. Bork., Eur. Schmett. iv, 212, 97*. - Hübn., Samml. Eur. Schmett Noct., pl. 89, fig. 417*. Dup., Hist. Nat. Lep. Fr. vi, pl. 76, fig. 1*. Noctua quadripunetata, Fabr., Sp. Ins. ii, p. 214, No. 25, (1781). Mant. Ins. ii, p. 139, No. 35, (1787). Ent. Syst iii, 2, p. 22, No. 46, (1794). Phalana quadripunctata, Linu., Syst. Nat. i, 5, p. 2535, No. 1003, (1788-93). Noctua segetum, Esp., Schmett iv, pl. 150, figs. 4, 5*. Athetis cubicularis, Hübn., Verz. Bek. Schmett, p. 209, No. 2091, (1816). Caradrina cubicularis, Herr Schäffer, Eur. Schmett. 209, 87*. Westw. & H. Brit., Moths. i, 145, pl. 29, fig. 15*. Walker, Cat. Lep. Het. B. M., x, p. 291, (1856), and xi, p. 735, (1857). --- Buckler, Entomologist, ii, p. 205, (1865). ---- Ent. M. Mag. i, p. 213, (1865). Europe, India. 2109. CARADRINA DELECTA.

Caradrina delecta, Moore, Proc. Zool. Soc. Lond. 1881, p. 349, pl. 38, fig. 15. - Deser. Ind. Lep. Atk. ii, p. 116, (1882). Sikkim.

Allied to C. kadeni of Europe.

2110. CARADRINA DEROGATA.

Caradrina derogata, Walker, Cat. Lep. Het. B. M., xi, p. 687, (1857). India.

2111. CARADRINA HÜGELI.

Caradrina hügeli, Felder & R. Reise, Novara Lep., pl. 109, fig. 13, (1864.75).

Natal, Bengal.

2112. CARADRINA INSIGNATA.

Caradrina insignata, Walker, Cat. Lep. Het. B. M., x, p. 295, (1856). - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; and 1885, p. 451.

Collection Swinhoe, Karachi, Solun, Poona. Also recorded from South Africa.

2113. CARADRINA PAUCIFERA.

Caradrina paucifera, Walker, Cat. Lep. Het. B. M., x, p. 298, (1856). India.

2114. CARADRINA SABULOSA.

Caradrina sabulosa, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516, pl. 47, - Butler, Proc. Zool. Soc. Lond. 1886, p. 379. Collection Swinhoe, Karachi, and Campbellpore.

2115. CARADRINA VENOSA.

Caradrina venosa, Butler, Ent. M. M. xvii, p. 7, (1880). - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; Karachi.

Also recorded from Honolulu.

Genus Dadica.

2116. DADICA LINEOSA.

Dadica lineosa, Moore, Proc. Zool. Soc. Lond, 1881, p. 349. Punjab Hills.

Genus Spodoptera.

2117. SPODOPTERA CILIUM.

Spodoptera cilium,	Guén., Noct. i, p. 156, (1852).*	
	Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 18	77.
	p. 604.	
***************************************	Butler, Proc. Zool. Soc. Lond. 1881, p. 617.	
	Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and 18	86
	р. 444.	
	Trans. Ent. Soc. Lond. 1885, p. 347.	
Spodoptera insula,	Walker, Cat. Lep. Het. B. M. xxxii, p. 648, (1865).	
	Islands, Karachi (Swinhoe).	,

Collection Swinhoe, Karachi, Umballa, Solun, Mhow, Bombay. Poona.

Also recorded from Quetta, Dubrai, and Java.

Genus Prodenia.

2118. PRODENIA APERTURA.

Prodenia apertura, Walker, Cat. Lep. Het. B. M. xxxii, p. 654, (1865). —— Moore, Lep. Ceyl. iii, p. 20, (1884).

Cevlon.

Possibly the female of P. littoralis.

2119. PRODENIA CARADRINOIDES.

Laphyqma (?) caradrinoides, Walker, Cat. Lep. Het. B. M. ix, p. 190, (1856).

Prodenia caradrinoides, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

Campbellpore.

Also recorded from South Africa.

2120. PRODENIA LITTORALIS.

Hudena littoralis, Boisd., Fann. Ent. Madag. Lep., p. 91, pl. 13, fig. 8, (1834).*Moore, Lep. Ceyl. iii, p. 19, pl. 146, figs. 1, 1a, 1h, (1884).

Neuria retina, Freyer, Beitr. Schmett v, p. 161, pl. 478, figs. 2, 3, (1846).* - Herr Schäff., Eur. Schmett ii, p. 292, pl. 29, figs. 144 and

1 15.* Prodenia retina, Guén., Noet. i, p. 163, (1852).*

Walker, Cat. Lep. Het. B. M. ix, p. 192, (1856).
Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 410.

- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450; and 1886, p. 443.

Prodenia ciligera, Guén., Noct., p. 164, (1852).*

Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 1877, p. 604.

Prodenia testaceoides, Guén., Noct., p. 165, pl. 6, fig. 7, (1852).*

Walker, loc. cit., p. 195, (1856).

Prodenia glaucistriga, Walker, loc. cit., p. 197, (1856).
Swinhoe, Proc. Zool Soc. Lond. 1885, p. 450. - Butler, Ill. Typ. Lep. Het. vi, p. 34, pl. 109, fig. 9,

(1886).

Prodenia subterminalis, Walker, loc. cit., p. 196, (1856). Prodenia declinata, Walker, loc. cit., xi, p. 723, (1857).

I. M., Calcutta, Andaman Islands (purchased), Kulu (Young), Cachar (Wood-Mason), Nicobar Islands (De Niceville), Sibsagar, Shillong.

Collection Swinhoe, Kasauli, Poona, Bombay, Hydrabad

(Sind), Mhow.

Also recorded from Europe, Africa, Madagascar, Madeira, Asia Minor, Ceylon, Formosa, Mauritius.

2121. PRODENIA NUBES.

Spodoptera nubes, Guén., Noct. i, p. 155, (1852).*

Walker, Cat. Lep. Het. B. M. ix, p. 186, (1856); xxxii, p. 647, (1865).

- Moore, Proc. Zool. Soc. Lond. 1877, p. 604.

Spodoptera filium, Guén., Noct. 155, (1852).*

Prodenia infecta, Walker, loc. cit. ix, p. 196, (1856).

PRODENIA NUBES—continued. Prodenia infecta Moore, Proc. Zool. Soc. Lond. 1867, p. 51. Butler, Ill. Typ. Lep. Het. vi, p. 33, pl. 109, fig. 8, (1886).Prodenia insignata, Walker, loc. cit. ix, p. 197, (1856). Agrotis transducta, Walker, loc. cit. x, p. 344, (1856). Laphygma squalida, Walker, loc. cit. xxxii, p. 652, (1865). Prodenia venustula, Walker, loc. cit., p. 654, (1865). Agrotis submarginalis. Walker, loc. cit., p. 699, (1865). Prodenia permunda, Walker, loc. cit. xi, p. 723, (1857). Laphygma infecta, Butler, Proc. Zool Soc. Lond. 1883, p. 158. - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450. Prodenia nubes, Moore, Lep. Ceyl. iii, p. 19, (1884). Spodoptera infecta, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444. I. M., Bombay (Swinhoe), Sibsagar (Peal). Collection Swinhoe, Kasauli, Bombay, Poona, Umballa, Mhow. Karachi, Ceylon. Also recorded from Java, Otaheite, Andaman Islands, Formosa, Siam. 2122. LAPHYGMA EXIGUA. Noctua exigua, Hübn., Samml. Eur. Schmett Noct., fig. 362.* Telmia exigua, Hübn., Verz. Bek. Schmett., p. 228, No. 2286, (1816). Caradrina exigua, Treit., Schmett Eur. ii, 254, Suppl. x, 81.* - Dup., Hist. Nat. Lep. France, iii, 15, pl. 75.* - Boisd., Ind. Meth., p. 138, No. 1112, (1840). - Guen., Ann. Soc. Ent. France, vi, p. 345, (1837). Horr Schäffer, Eur. Schmett, ii, 212, 99.* ---- Noct. ii, pl. 66, fig. 44.* Laphygma exigua, Guén., Noct. i. 158, 252.* - Walker, Cat. Lep. Het. B. M. ix, p. 188, (1856). - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885. p. 450; and 1886, p. 443. I. M., Karachi (Swinhoe), Kulu (Young). Collection Swinhoe, Poona, Bombay, Mhow, Karachi, Quetta, Solun, Sabathu. Also recorded from Europe. 2123. LAPHYGMA OBSTANS. Laphygma obstans, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865). - Moore, Lep. Ceyl. iii, p. 17, (1884). Ceylon. 2124. LAPHYGMA TRAJICIENS. Laphygma trajiciens, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865). — Moore, Lep. Ceyl. iii, p. 18, (1884). Ceylon. Gonus Acosmotia.

2125. Acosmetia nebulosa.

Acosmetia nebulosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 350, pl. 38, fig. 13.

Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Sikkim.

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2126. ACOSMETIA NIGRESCENS.

Acosmetia nigrescens, Moore, Proc. Zool. Soc. Lond. 1881, p. 350. Bombay.

Genus Ozarba.

2127. OZARBA ITWARRA.

Ozarba itwarra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. Collection Swinhoe, Poona, Karachi.

2128. OZARBA MALLARBA.

Ozarba mallarba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 3.
Collection Swinhoe, Poona.

2129. OZARBA PUNCTIGERA.

Ozarba punctigera, Walker, Cat. Lep. Het. B. M. xxxii, p. 685, (1865).
Swinhoe, Proc. Zool. Soc. Lend. 1885, p. 452.
Collection Swinhoe, Satara, Poona, Bombay.
Also recorded from China and Australia.

Genus Oxira.

2130. OXIRA OCHRACEA.

Oxira ochracea, Walker, Cat. Lep. Het. B. M. xxxii, p. 657, (1865).

Moore, Lep. Ceyl. iii, p. 23, (1884).

Ceylon.

Genus Hydræcia.

2131. HYDRÆCIA KHASIANA.

Hydracia khasiana, Moore, Prec. Zool. Soc. Lond. 1881, p. 342, pl. 37, fig.
5.
Descr. Ind. Lep. Atk. ii, p. 105, (1882).
Khasi Hills.
Allied to H. pelasitis of Great Britain.

2132. Hydræcia Lampadifera.

Hydracia lampadifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 643, (1865).

Moore, Lep. Ceyl. iii, p. 15, (1884).

Ceylon.

2133. HYDRÆCIA NAXIAOIDES.

Hydræcia naxiaoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 50. Bengal.

2134. HYDRÆCIA TIBETANA.

Hydracia tibetana, Moore, Ann. Mag. N. H. (5), i, p. 232, (1878). Ladak.

Genus Hydrilla.

2135. HYDRILLA DENTICULOSA.

Miana denticulosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 676, (1865). Hydrilla denticulosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451. Collection Swinhoe, Poona, Bombay. Also recorded from S. India.

2136. HYDRILLA HONESTA.

Miana honesta, Walker, Cat. Lep. Het. B. M. xxxii, p. 677, (1865). South India.

Genus Calogramma.

2137. CALOGRAMMA FESTIVA.

Noctua festiva, Donov., Epit. Ins. New-Holl. (1805).*

Polia picta, Boisd., Voy. de l'Astrolabe, pt. 1, Lep., p. 241, (1832)*.

Guén., Noct. i, p. 166.*

Noctua picta, Guén. Voy. de la Coquille ii, p. 285, pl. 19, fig. 7*.

Calogramma picta, Guén., Noct. i, p. 166, 263*.

Calogramma festiva, Walker, Cat. Lep. Het. B. M., ix, p. 198, (1856).

Meore, Proc. Zool. Soc. Lond. 1867, p. 52.

Lep. Ceyl. iii, p. 21, pl. 146, fig. 6, (1884).

Bengal, Ceylon, Australia.

Genus Rhizogramma.

2138. RHIZOGRAMMA INDICA.

Xylophasia indica, Walker, Cat. Lep. Het. B. M., xxxii, p. 647, (1865). I. M., Kulu (Young). Collection Swinhoe, Solun.

2139. RHIZOGRAMMA INEXTRICATA.

Rhizogramma inextricata, Moore, Proc. Zool. Sec. Lond. 1881, p. 342.

Butler, Proc. Zool. Sec. Lond. 1881, p. 619.

I. M., Kulu (Young).

Collection Swinhoe, Solun, Nilgiri Hills.

Allied to R. indica, and to the European R. petrorhiza.

Also recorded from Dalhousie.

2140. RHIZOGRAMMA UNILINEA.

Rhizogramma unilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 7.

Genus Chiripha.

2141. CHIRIPHA INVOLUTA.

Chiripha involuta, Walker, Cat. Lep. Het. B. M., x, p. 201, (1856). Collection Swinhoe, Kasauli.

Genus Neuria.

2142. NEURIA DISCREPANS.

Heliophobus discrepans, Walker, Cat. Lep. Het. B. M., xxxii, p. 655, (1865).

Neuria discrepans, Moore, Lep. Ceyl. iii, p. 22, (1884).

Ceylon.

2143. NEURIA DISSECTA.

Heliophobus dissectus, Walker, Cat. Lep. Het. B. M., xxxii, p. 656, (1865)

Moore, Proc. Zoel. Soc. Lond. 1867, p. 52.

Neuria dissecta, Moore, Lep. Ceyl. iii, p. 22, pl. 146, fig. 7, (1884).

Collection Swinhoe, Ceylon.

Also recorded from Bengal.

2144. NEURIA INCISA.

Neuria incisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Simla, Sikkim.

Also recorded from Umballa, Dalhousie, and Solun.

2145. NEURIA RETRAHENS.

Madena retrahens, Walker, Cat. Lep. Het. B.M., xi, p. 757, (1857); and xxxiii, p. 727, (1865).

Neuria retrahens, Moore, Lep. Ceyl. iii, p. 21, (1884).

Ceylon.

2146. NEURIA SEPARATA.

Neuria separata, Moore, Descr. Ind. Lep. Atk. ii, p. 107, (1882). Sikkim.
Allied to N. saponaria of Europe.

2147. NEURIA SIMILLIMA.

Neuria simillima, Moore, Proc. Zool. Soc. Lond. 1881, p. 344. Collection Swinhoe, Solun.

2148. NEURIA SIMULATA.

Allied to N. separata.

Genus Gortyna.

2149. GORTYNA CUPREA.

Gortyna cuprea, Moore, Proc. Zool. Soc. Lond. 1807, p. 50, pl. 6, fig. 8. Sikkim.

FAMILY PLUSIIDÆ.

Genus Westermannia.

2150.	WESTERMANNIA SUPERBA,
	Westermannia superba, Hübn., Samınl. Exot., Schmett ii, 23, 162, figs. 323, 324, (1823).*
	Verz. Bek. Schmett, p. 250, No. 2470,
	Walker, Cat. Lep. Het. B. M., xii, p. 975, (1857). Moore, Lep. Ceyl. iii, p. 80, pl. 154, figs. 1, 1a,
	(1884). Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
	Plusio les westermannii, Guén., Noct. ii, 386, 1247.*
	Collection Swinhoe, Bombay, Poona, Khandalla. Also recorded from Java and Ceylon.
2151.	WESTERMANNIA TRIANGULARIS.
	Westermannia triangularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 605.
	I. M., Sibsagar (Peal).
	Collection Swinhoe, Ardaman Islands.
	Genus Nagasena.
2152.	NAGASENA ALBESCENS.
	Nagasena albescens, Moore, Deser. Ind. Lep. Atk. ii, p. 152, (1882). Sikkim.
	Genus Plusia.
2153.	Plusia agramma.
	Plusia agramma, Guén., Noet. ii, 327, 1136.* ———————————————————————————————————
	Plusia inchoata, Walker, loc. cit., xxxiii, p. 841, (1865).
	Collection Swinhoe, Bombay, Ceylon. Also recorded from Java and Australia.
2154.	Plusia argybosigna.
	Plusia argyrosigna, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).
	Cashmir, Dalhousie.
	Allied to P. iota and to P. quinqueaureum of Europe.
2155.	Plusia chrysitina.
	Phalana (Noctua) chrysitina, Martyn, Psyche, pl. 21, (1797).* Noctua aurifera, Hübn., Eur. Schmett. Noct., pl. 98, fig. 463.* Dup., Lep. Fr. vii, 24, pl. 134.*
	Diachrysia aurifera, Hübn., Yerz. Bek. Schmett, p. 252, No. 2494, (1816).

Ceylon,

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PLUSIA CHRYSITINA—continued.
             Plusia aurifora, Treit., Schmett. iii, 168, 14.
                               - Meig., Syst. Besch. iii, 251, 6, pl. 121, fig. 10.*

- Guén., Noct. ii, 335, 1153.*

- Walker, Cat. Lep. Het. B. M., xii, p. 892, (1857).

- Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
             Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.

Plusia chrysitina, Moore, Lep. Coyl. iii, p. 70, pl. 152, fig. 7, (1884).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 14,
                                                  figs. 13, 13a.
            I. M., Sikkim, Kulu (Young), Calcutta, Shillong, Sibsagar, (Peal), Ootacamund (Davison), North Khasi Hills, Darbh-
                 anga (Maries).
            Collection Swinhoe, Kasauli, Sikkim, Simla, Quetta, Mhow.
            Also recorded from S. Europe, Africa, Madagascar, Bourbon,
                 Mauritius, Java, Ceylon.
 2156. Plusia ciliaris.
            Plusia ciliaris, Walker, Cat. Lep. Het. B. M., xii, p. 928, (1857).
                              Butler, Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 5, (1886).
            Nepal.
 2157. Plusia circumplexa.
            Phalana (Noctua) circumflexa, Linn., Syst. Nat., p. 814, No. 128, (1767).
            Noctua circumflera, Haw., Lep. Brit. 8.*
            Noctua daubei, Frey. (nec Boisd)., Beitr. iii, pl. 256, fig. 2.*
            Plusia circumflexa, Gnén., Noct. iii, p. 352, 1185.*
Walker, Cat. Lep. Het. B. M. xii, p. 900, (1857).
                                   - Butler, Ann. Mag. N. H. (5), ix, p. 210, (1882).
                                   - Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
                                           --- Proc. Zool. Soc. Lond. 1886, p. 447.
            Collection Swinhoe, Candahar, Mhow, Nilgiri Hills.
            Also recorded from Europe.
2158. Plusia confusa.
            Plusia confusa, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).
            Collection Swinhoe, Nilgiri Hills.
            Also recorded from Sikkim.
2159. Plusia daubei.
           Plusia daubei, Boisd., Ind. Meth., p. 159, No. 1281, (1840).
                        — Dup., Suppl. iii, p. 486, pl. 42, fig. 1.*
— Herr Schäffer, Schmett, Eur. ii, pl. 41, fig. 206.
                       — Guén., Noct. ii, 351, 1184.*
— Walker, Cat. Lep. Het. B. M., xii, p. 900, (1857).
           I. M., Kulu (Young).
           Also recorded from South Europe and Scnegal.
2160. PLUSIA DISPELLENS.
           Plusia dispellens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 838, (1865).
                               - Moore, Lep. Ceyl. iii, p. 73, (1884).
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2161. PLUSIA EXTRAHENS.

I. M., Karachi (Swinhoe).

Collection Swinhoe, Mhow, Bombay, Poona, Khizdar, Karachi, Quetta.

2162. Plusia impulsa.

Plusia impulsa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 838, (1865).

Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2163. PLUSIA INTEGRA.

Plusia integra, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857). India.

2164. Plusia lectula.

Prodenia lectula, Walker, Cat. Lep. Het. B. M., xv, p. 1679, (1858); and xxxii, p. 654, (1865).

Moore, Proc. Zool. Soc. Loud. 1867, p. 51.

Plusia lectula, Moore, Lep. Ceyl. iii, p. 73, pl. 146, fig. 2, (1884).

Plusia kalitura, Felder & R. Reise, Novara Lep. iv, pl. 110, fig. 24, (1864-75).

Bengal, Canara, Ceylon.

2165. PIUSIA LIMBIRENA.

Ceylon, Madagascar, S. Africa, St. Helena.

2166. Plusia mutans.

Plusia mutans, Walker, Cat. Lep. Het. B. M. xxxiii, p. 839, (1865).

Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2167. PLUSIA NIGRILUNA.

Plusia nigrituna, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857).

Moore, Lep. Ceyl. iii, p. 70, pl. 152, figs. 2, 2a larva, (1884).

Ceylon.

2168. PLUSIA NIGRISIGNA.

Plusia nigrisigna, Walker, Cat. Lep. Het. B. M., xxxiii, p. 928, (1857).

Butler, Proc. Zool. Soc. Loud. 1883, p. 162.

Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 4, (1886).

I. M., Kulu (Young).

Collection Swinhoe, Kasauli, Sikkim.

Also recorded from Umballa, Solun.

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2169. PLUSIA OBTUSISIGNA.

Plusia obtusisigna, Walker, Cat. Lep. Het. B. M., xii, p. 930, (1857). Moore, Lep. Ceyl. 3, p. 71, pl. 152, figs. 1, 1a larva,

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Collection Swinhoe, Poona. Also recorded from Ceylon.

2170. Plusia ochreata.

Plusio ochreata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 839, (1865).

Moore, Lep. Ceyl. iii, p. 72, pl. 151, fig. 4, (1884). Collection Swinhoe, Solun. Also recorded from Ceylon.

2171. PLUSIA ORNATISSIMA.

Plusia ornatissima, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858), - Moore, Proc. Zool. Soc. Lond. 1867, p. 62. Collection Swinhoe, Tokei.

Also recorded from India and China.

2172. Plusia Pannosa.

Plusia pannosa, Moore, Descr. Lep. Atk. ii, p. 149, (1882). Sikkim, Khasi Hills.

2173. PLUSIA PERMISSA.

Plusia permissa, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858). Canara.

2174. PLUSIA PLACIDA.

Plusia placida, Moore, Lep. Ceyl. iii, p. 73, pl. 151, fig. 10, (1884). Ceylon.

2175. Plusia reticulata.

Plusia reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882). Sikkim.

2176. PLUSIA SEMIVITTA.

Plusia semivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 63, pl. 6, fig. 13. Collection Swinhoe, Sikkim.

2177. PLUSIA SIGNATA.

Noctua signata, Fabr., Ent. Syst. iii, 2, p. 81, (1794).
Plusia signata, Guén., Noct. ii, p. 345, (1852)*.
Walker, Cat. Lep. Het. B. M. xii, p. 926, (1857).
Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Lep. Ceyl. iii, p. 71, pl. 152, fig. 4, (1884)

PLUSIA SIGNATA—continued.

Plusia signata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Plusia furcifera, Walker, Cat. Lep. Het. B. M. xii, p. 927, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Collection Swinhoe, Solun, Sikkim, Poona.

Collection Swinhoe, Solun, Sikkim, Poona Also recorded from Ceylon, Java.

2178. Plusia significans.

Plusia significans, Walker, Cat. Lep. Het., B. M., xii, p. 930, (1857). Punjab.

2179. PLUSIA TETRAGONA.

Plusia tetragona, Walker, Cat. Lep. Het. B. M., xii, p. 932, (1857). India.

2180, PLUSIA VERTICILLATA.

Plusia verticillata, Gnén., Noct. ii, p. 344, (1852).*
Walker, Cat. Lep. Het. B. M. xii, p. 923, (1857).
Moore, Proc. Zool, Soc. Lond: 1867, p. 62.
Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
Moore Lep. Ceyl. iii, p. 70, pl. 152, fig. 6, (1884).
Swinhoe, Proc. Zool. Sec. Lond. 1884, p. 519; 1885
p. 457; and 1886, p. 417.

I. M., Sikkim (Barnes), Calcutta, Kulu (Young), Ceylon (Colombo Museum), Nilgiri Hills (Swinhoe); Buxa (Moti Ram).

Collection Swinhoe, Kasauli, Karachi, Mhow, Ahmednagar, Poona, Bombay, Campbellpore.

Also recorded from Java, China, Australia, S. Africa.

Genus Plusiodonta.

2181. PLUSIODONTA AURILICTA.

Plusiodonta auripieta, Moore, Deser. Ind. Lep. Atk. ii, p. 150, (1882). Sikkim, Cherrapunji.

2182. PLUSIODONTA CHALSYTOIDES.

ATTUSTOR.	onta enc	usyromes,	Guen.,	, Noct.	n, p. 360	J, 120t.*			
			Walke	r, Cat.	Lep. H	et., xii, p	. 937, ()	1857);	and
				ZX	ciii, p. 84	1, (1865).	·	
***************************************			Moore,	Proc.	Zool. So	Lond.	1867, p	63.	
				Lep. (leyl, iii, j	p. 75, pl.	153, fi	gs. 1,	10,
					884).				
Deva co	nducens,	. Walker,	Cat. Le	p. Het	. B. M.,	xii, p. 96	3, (1857).	
Plusiod	onta con	ducens, M	oore, Pi	roc. Zo	ol. Sec. I	ond 187	7, p. 605	ś.	
					Zool. Soc				
Plusia	agens,	Felder d	& R.	Reise,	Novara (1864-7	Lep. iv (5).	, pl. 11	0, fig	_. 32,

Collection Swinhoe, Bombay.

Also recorded from Calcutta, Andaman Islands, Java, Ceylon.

2183. Plusiodonta compressipalpis.

Plusiodonta compressipalpis, Guén., Noct. ii, 359, 1200.*
Walker, Cat. Lep. Het. B. M. xii, p. 938, (1857).

India.

Genus Abrostola.

2184. ABROSTOLA ANOPHIOIDES.

Abrostola anophioides, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882). Sikkim.

Allied to A. asclepiadis of Europe.

2185. ABROSTOLA TRANSFIXA.

Abrostola transfixa, Walker, Cat. Lep. Het. B. M. xii, p. 884, (1857); and xv. p. 1783, (1858).

Moore, Lep. Ceyl. iii, p. 69, (1884).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon and Australia.

Genus Euchalcia.

2186. EUCHALCIA CASHMIRENSIS.

Euchalcia cashmirensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 376.

Descr. Ind. Lep. Atk. ii, p. 150, (1882).

Sind, Cashmir.

Allied to E. uralensis and E. modesta.

Genus Birtha.

2187. BIRTHA INSULATA.

Birtha insulata, Walker, Cat. Lep. Het. xxxiii, p. 976, (1865).

Moore, Lep. Ceyl. iii, p. 75, (1884).

Ceylon.

Genus Phanaca.

2188. PHANACA DAMNIPENNIS.

Phanaca damnipennis, Walker, Cat. Lop. Het. xxxxiii, p. 857, (1865). Ceylon.

FAMILY PALINDIDÆ.

Genus Homodes.

2189. Homodes crocea.

Homodes crocea, Guén., Noct. ii, p. 280, pl. 11, fig. 2, (1852).*
Walker, Cat. Lep. Het. B. M. xii, p. 852, (1857).
Moore, Proc. Zool. Soc. Lond. 1877, p. 605, pl. 60, fig. 3.
Lep. Ceyl. iii, p. 59, pl. 151, fig. 11, (1884).
Homodes vivida, Guén., Noct. ii, p. 280, 1084.*
Walker, Cat. Lep. Het. B. M., xii, p. 852, (1857).
Java, Andaman Islands, Ceylon, Bombay.

FAMILY DIOPSIDÆ.

Genus Anumeta.

2190. Anumeta atrosignata.

Anumeta atrosignata, Walker, Cat. Lep. Het. B. M., xv, p. 1770, (1858). North India.

FAMILY EURHIPIDÆ.

Genus Rhesala.

2191. RHESALA IMPARATA.

Rhesala imparata, Walker, Cat. Lep. Het. B. M., sv, p. 1777, (1858). Ceylon.

2192. TARGALLA BIFACIES.

Cryassa bifacies, Walker, Cat. Lep. Het. B. M., xv, p. 1745, (1858). Targalla bifacies, Moore, Lep. Ceyl. iii, p. 64, pl. 151, figs. 5, 5a, (1884). Collection Swinhoe, Ceylon.

2193. TARGALLA DELATRIX.

Penicillaria delatrix, Guén., Noct. ii, p. 304, No. 1112, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 871, (1857).

Butler, Proc. Zool. Soc. Lond. 1883, p. 162.

Targalla delatrix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

Collection Swinhoe, Solun, Poona, Alibagh.

Also recorded from Java.

2194. TARGALLA INFIDA.

Targalla infida, Walker, Cat. Lep. Het. B. M. xiii, p. 1008, (1857).

Moore, Lep. Ceyl. iii, p. 63, pl. 151, figs. 6, 6a, (1884).

Penicillaria ludatrix, Walker, loc. cit. xv, p. 1773, (1858).

Ceylon, India.

2195. TARGALLA REPLETA.

Entelia repleta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 821, (1865).

Targalla repleta, Moore, Lep. Ceyl. iii, p. 64, (1884).

Entelia impleta, Walker, loc. cit., p. 822, (1865).

Entelia plusioides, Walker, loc. cit., p. 822, (1865).

Eurhipia prætexta, Felder & R. Reise, de Novara, Lep. iv, pl. 111, fig. 24, (1864-75).

S. India, Ceylon.

"Probably only a varietal form of T. bifacies," (Moore).

21%. Targalla resoluta.

Penicillaria resoluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 815, (1865), Targalla resoluta, Moore, Lep. Ceyl. iii, p. 65, (1884), Ceylon.

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2197. TARGALLA SOLIDA.

Penicillaria solida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 814, (1865). Targalla solida, Moore, Lep. Ceyl. iii, p. 63, (1884).

Ceylon.

Genus Ponicillaria.

2198. PENICILLARIA EXCITANS.

Penicillaria excitans, Butler, Proc. Zool. Soc. Lond. 1886, p. 381. Western India.

2199. Penicillaria Jocosatrix.

Penicillaria jocosatrix, Guén., Noct. ii, p. 304, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 871, (1857).

Moore, Lep. Ceyl. iii, p. 62, pl. 151, figs. 8, 8a, (1884).

Swinhoe, Prec. Zool. Soc. Lond. 1885, p. 457.

I. M., Ranchi (Irvine).

Collection Swinhoe, Bombay, Poona.

Also recorded from Ceylon and Java.

2200. PENICILLARIA TINEATRIX.

2201. Penicillaria nugatrix.

Penicillaria lineatrix, Walker, Cat. Lep. Het. B. M., xv. p. 1776, (1858), and xxxiii, p. 814, (1865).

Collection Swinhoe, South India.

1. M., Ceylon, North India.

Genus Eutelia.

2202. EUTELIA CINCTIPALPIS.

Entelia cinctipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 820, (1865).

Moore, Lep. Ceyl. iii, p. 66, (1884).

Ceylon.

2203. Eutelia discistriga.

Entelia discistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 823, (1865). Collection Swinhoe, Sholapore, Karachi. Also recorded from South India.

2201. EUTELIA FAVILLATRIX.

Entelia favillatrix, Walker, Cat. Lep. Het. B. M., xv. p. 1778, (1858).

Moore, Lep. Ceyl. iii, p. 66, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

I. M., Sibsagar (Peal), Andaman Islands (purchased).

Collection Swinhoe, Bombay, Khandalla.

At 1 1 P C 1

Also recorded from Ceylon.

2205. EUTELIA INEXTRICATA.

Entelia inertricata, Moore, Deser. Ind. Lep. Atk. ii, p. 147, (1882). Collection Swinhoe, Sikkim, Kulu. Also recorded from Cherrapunji.

2206. EUTELIA SICCIFOLIA.

Eutelia siccifolia, Moore, Proc. Zool. Soc. Lond, 1881, p. 375.

Descr. Ind. Lep. Atk. ii, p. 147, (1882).

Sikkim.

Allied to E. viridatrix.

2207. EUTELIA VIRIDATRIX.

Eutelia viridatria, Walker, Cat. Lep. Het. B. M., xv, p. 1777, (1858). N. India.

Genus Anuga.

2208. ANUGA CONSTRICTA.

2209, Anuga Lunulata.

Anuga binulata, Moore, Proc. Zool, Soc. Lond, 1867, p. 62. Bengal.

Genus Varnia.

2210. VARNIA FENESTRATA.

Varnia fenestrata, Moore, Proc. Zool, Soc. Lond. 1881, p. 376,

Descr. Ind. Lep. Atk. ii, p. 148, (1882).

Sikkim.

2211. VARNIA IGNITA.

Varnia ignita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 825, (1865).

Moore, Proc. Zool. Soc. Lend. 1867, p. 62.

Journ. As. Soc. Beng. liii, pt. 2, p. 236, (1884).

Pachythyris ignita, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 280, (1877).

I. M., Sikkim (purchased; also Barnes), Cachar (Wood-Mason), Ceylon (Mackwood).

Collection Swinhoe, Sylhet.

2212. VARNIA INEQUALIS.

Varnia inaqualis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 828, (1865).
—— Moore, Proc. Zool, Soc. Lond, 1867, p. 62.

Sylhet.

2213. VARNIA (?) INCERTA.

Varnia incerta, Walker, Cat. Lep. Het, B. M. xxxiii, p. 829, (1865). N. India.

2214. VARNIA TAPROBANA.

Varnia taprobana, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 7, (1884). Ceylon.

Genus Chlumetia.

2215. CHLUMETIA ALTERNANS.

Chlumetia alternans, Moore, Descr. Ind. Lep. Atk. ii, p. 147, (1882). Sikkim.

2216. CHLUMETIA EGENS.

Chlumetia egens, Moore, Lep. Ceyl. iii, p. 68, pl. 151, fig. 9, (1884). Ceylon.

2217, CHLUMETIA TRANSVERSA.

Nachaba transversa, Walker, Cat. Lep. Het. B. M. xxvii, p. 114, (1863). Chlumetia guttiventris, Walker, loc. cit., xxxiv, p. 1271 (1865). Chlumetia transversa, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 3, (1884). Ceylon.

FAMILY ERIOPIDÆ.

Genus Callopistria.

2218. CALLOPISTRIA DUPLICANS.

Callopistria duplicans, Walker, Cat. Lep. Het. B. M., xii, p. 866, (1857).

India.

2219. CALLOPISTRIA EXOTICA.

<i>Eriopus exotica,</i> Guén., Noc	et. ii, p. 294, 10	097, (1852),*	
Callopistria exotica, Walker	, Cat. Lep. H	et. B. M., xii, p. 865.	(1857); and
•		811, (1865).	(
Moore,	Proc. Zool. 8	Soc. Lond. 1867, p. 61	l : and 1877.
	p. 60 5 .	, 1	.,
	Lep. Ceyl. iii,	p. 60, (1884).	
1111 0 4 1	7, 1	* '`	

Sikkim, Canara, Andaman Islands, Java.

2220. CALLOPISTRIA RECURVATA.

Callopistria recurvata, Moore, Descr. Ind. Lep. Atk. ii, p. 144, (1882).

Lep. Ceyl. iii, p. 60, pl. 151, fig. 1, (1884).

- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

Collection Swinhoe, Solun, Bombay. Also recorded from Sikkim, Calcutta, Ceylon.

2221. CALLOPISTRIA REPLETA.

Callopistria repleta, Walker, Cat. Lep. Het. B. M., xii, p. 865, (1857). North India

2222. CALLOPISTRIA RIVULARIS.

Collopistria rivularis, Walker, Cat. Lep. Het. B. M., xii, p. 867, (1857). Collection Swinhoe, Solun, Ceylon.

Genus Perciana.

2223. PERCIANA MARMOREA.

Perciana marmorca, Walker, Cat. Lep. Het. B. M., xxxiii, p. 813, (1865). India.

Genus Phalga.

2224. Phalga sinuosa.

Phalga sinuosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 375, pl. 37, fig. 7. Deser. Ind. Lep. Atk. ii, p. 145, (1882). Sikkim.

Genus Cotanda.

2225. COTANDA PLACODOIDES.

Eriopus placodoides, Guén., Noct. ii, p. 296.* Cotanda placodoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 374. India, Java.

Genus Mothorasa.

2226. METHORASA LATREILLEI.

Eriopus latreillei, Dup., Lep. France, Suppl. iv, p. 327, pl. 123, fig. 2.* —— (Iuén., Noct. ii, p. 296.* —— Butler, Proc. Zool. Soc. Lond. 1883, p. 162. Callopistria latreillei, Walker, Cat. Lep. Het. B. M. xii, p. 862, (1857). Eriopus quieta, Treit., Schmett iii, p. 259, Suppl., p. 49.* Methorasa latreillei, Moore, Proc. Zool. Soc. Lond, 1881, p. 374. Collection Swinhoe, Simla.

Also recorded from Europe, Dharmsala.

2227. METHORASA THWAITESH.

Methorasa thwaitesii, Moore, Lep. Ceyl. iii, p. 61, pl. 151, fig. 2, (1884). Ceylon.

Genus Lugana.

2228. LUGANA ANTENNATA.

Lugana antennata, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882). Sikkim.

2229. LUGANA RENALIS.

Lugana renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882). Collection Swinhoe, Andaman Islands. Allied to L. antennata.

FAMILY HYBLEIDE.

Genus Hyblæa.

2230,	Hyblaea constellata.						
	Hyblaca constellata, Guén., Noct. ii, p. 391, 1251, (1852).*						
	Walker, Cat. Lep. Het. B. M., xii, p. 980, (1857).						
	Moore, Proc. Zool, Soc. Lond. 1867, p. 63.						
	Lep. Ceyl. iii, p. 81, pl. 154, figs. 3, 3a, (1888)						
	Journ. As. Soc. Beng., vol. Iv, pt. 2, p. 100						
	(1886).						
	7 35 6 1 (0) 1 16 15 15 11 5000						

I. M., Ceylon (Colombo Museum), Dansiri, Sikkim (purchased), also Barnes), Sylhet, Naga Hills, Tavoy (Moti Ram), Silasagar (Peal).

Collection Swinhoe, Sylhet, Ceylon.

2231. Hybleia firmamentum,

Hyblwa firmamentum, Guén., Noct. ii, 392, 1253.*
 Walker, Cat. Lep. Het. B. M., xii, p. 981, (1857).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

I. M., Buxa (Moti Ram), Sikkim (Barnes; also purchased), Sibsagar (Peal).

Collection Swinhoe, Sylhet.

Also recorded from China.

2232. HYBLÆA PUERA.

Phahana puera, Cram., Pap. Exot., pl. 103, figs. D and E. (1777).

Noctua saga, Fabr., Mant. Ins. ii, p. 137, No. 29, (1787).

Hyblaa saga, Fabr., Ent. Syst. iii, 2, p. 128, No. 4, (1794).

Noctua unxia, Hübn., Ecr. Schmett, Noct., fig. 513, (1810).*

Euchesia unxia, Hübn., Verz. Bek. Schmett, p. 221, No. 2217, (1816).

Heliothis apricans, Boisd., Faun. Ent. Madag., p. 98, 2, pl. 15, fig. 7, (1834).*

I. M., Goalundo (Mein), Kulu (Young), Sylhet, Ceylon (Colombo Musuem), Poona (Swinhoe).

Collection Swinhoe, Solun, Poona, Bombay, Mhow, Nilgiri Hills, Ceylon.

Also recorded from Jamaica, South America, South Africa, and China.

Genus Maceda.

2233. MACEDA MANSCETA.

Macela mansueta, Walker, Cat. Lep. Het. B. M., xiii, p. 1141, (1857); and xxxiii, p. 924, (1865).

Moore, Lep. Ceyl. iii, p. 82, pl. 154, figs. 4 and 5. (1881).

Calduba obtenta, Walker, loc. cit. xv, p. 1815, (1858).

Collection Swinhoe, Andaman Islands.

Also recorded from Sarawa't, Borneo, Ceylon.

FAMILY GONOPTERIDÆ.

Genus Cosmophila.

2231. Cosmophila xanthindyma.

Cosmophila x	anthindyma, Boisd, Faune Ent. Madag. Lep. 94, pl. 13,
•	fig. 7, (1834).*♂
****	Guén., Noct. ii, p. 396.*
	Walker, Cat. Lep. Het. B. M., xiii, p. 987,
	(1857).
	Moore, Proc. Zool. Soc. Lond. 1883, p. 163.
	Lep. Ceyl. iii, p. 84, pl. 155, figs. 1,
	ia. 1b. (1884).
	Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 459.
Cirrocdia vari	olosa, Walker, loc. cit., xi, p. 750, (1857).
	ndica, Guen., Noct. ii, p. 396, (1852).* 🗜
	——— Walker, Inc. c. t. xiii, p. 986, (1857).
	Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411.
	ntata, Walker, lee. cit. xi, p. 750, (1857).
I. M., Sikki	im, Bombay (Swinhoe), Ceylon (Colombo Museum),
	Kulu (Young).
	winhoe, Solun, Mhow, Poona, Bombay, Karachi,
Ceylon.	
Also recorded	l from Madagasear, Mauritius, Malabar, Java, Aus-

Genus Arthisma.

2235. ARTHISMA SCISSURALIS.

tralia.

Arthisma scissuralis, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.

Waterhouse, Aid. iii, pl. 150, fig. 3, (1884).*
Singapore.

Genus Rusicada.

2236. Rusicada albitibia.

Gonitis albitibia, Walker, Cat. Lep. Het. B. M., xiii, p. 1001, (1857).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Rusicada albitibia, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.

Rusicada nigritarsis, Moore, Lep. Ceyl. iii, p. 86, pl. 155, figs. 2,2a, b,c,d, 5, \(\varphi\), and larva, (1884).

Rusicada nigritarsis, Walker, loc. cit. xiii, p. 1006, (1857).

Collection Swinhoe, Bombay, Poona, Khandalla, Nilgiri Hills.

Also recorded from Ceylon, Calcutta, Sikkim.

2237. Rusicada Brunnea.

Gonitis brunnea, Moore, Descr. Ind. Lep. Atk. ii, p. 453, (1882). Calcutta.

2238. RUSICADA DIVERSALIS.

Rusicad v diversalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 21, Waterhouse, Aid. ii, pl. 150, fig. 2, \(1884)*. Singapore.

Allied to R. brunnea.

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2239. RUSICADA ICONICA.

Anomis iconica Walker, Cat. Lep. Het. B. M. xiii, p. 992, (1857). Rusicada iconica, Moore, Lep. Ceyl. iii, p. 87, (1884). Ceylon.

Genus Gonitis.

2240. GONITIS FULVIDA.

Anomis fulvida, Guén., Noct. ii, p. 397, 1259, (1852).* Walker, Cat. Lop. Het. B. M., xiii, p. 988, (1857). - Moore, Proc. Zool. Soc. Lond. 1867, p. 64; and 1877, p. 606. Gonitis guttanivis, Walker loc. cit. xiii, p. 1003, (1857). Anomis guttanivis, Moore, Proc. Zool. Soc. Loud. 1867, p. 64. Gonilis fulvida, Moore, loc. cit. 1883, p. 19.

Lep. Ceyl, iii, p. 85, pl. 155, figs. 3, 3a, (1884). Gonitis combinans, Walker, loc. cit. xiii, p. 1001, (1857). I. M., Sikkim, Sibsagar (Peal).

Collection Swinhoe, Sikkim, Khandalla. Also recorded from Khasi Hills, Ceylon, Andaman Islands, Java, North America.

2241. GONITIS INVOLUTA.

Gonitis involuta, Walker, Cat. Lep. Het. B. M., xiii, p. 1003, (1857). - Butler, Proc. Zool. Soc. Lond. 1883, p. 163. Moore, Lep. Ceyl. iii, p. 85, pl. 153, fig. 7, (1884). - Swinhoe, Proc. Zool. Soc. Loud. 1881, p. 519; and 1885, р. 458.

Gonitis basalis, Walker, loc. cit. xiii, p. 1004, (1857). Tiridata colligata, Walker, loc. cit. xxxiii, p. 870, (1865).

I. M., Kulu (Young), Solun (Swinhoe).

Collection Swinhoe, Solun, Karachi, Nilgiri Hills, Bombay. Also recorded from Cevlon.

2242. GONITIS LATIMARGO.

Gonitis latimargo, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857). India.

2243. GONITIS LINEOSA.

Gonitis lineosa, Walker, Cat. Lep. Hep. Het. B. M. xxxiii, p. 862, (1865). India.

2244. GONITIS MESOGONA.

Gonitis mesogona, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857). - Butler, Proc. Zool. Soc. Lond. 1883, p. 163. Moore, Lep. Ceyl. iii, p. 86, pl. 153, fig. 8, (1884).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Kulu (Young), Bombay (Swinhoe), Sikkim. Collection Swinhoe, Kulu, Solun, Bombay. Also recorded from Ceylon.

2245. GONITIS METAXANTHA.

Gonitis metaxantha, Walker, Cat. Lep. Het. B. M. xiii, p. 1005, (1857).

Moore, Proc. Zool. Soc. Lond. 1883, p. 21.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Sikkim (Barnes), Poona (Swinhoe), Andaman Islands (De Roepstorff), Cherrapunji.

Collection Swinhoe, Sikkim, Solun, Poona, Bombay, Nilgiri Hills.

2246. GONITIS TRILINEATA.

Gonitis trilineata, Moore, Proc. Zool. Soc. Lond. 1883, p. 21, pl. 6, fig. 1. Bombay.

Genus Coarica.

2247. COARICA FASCIATA.

Coarica fasciata, Moore, Deser. Ind. Lep. Atk. ii, p. 153, pl. 5, fig. 1. Sikkim.

Genus Falana.

2248. FALANA SORDIDA.

Falana sordida, Moore, Descr. Ind. Lep. Atk. ii, p. 154, (1882).

Lep. Ceyl. iii, p. 88, pl. 155, fig. 4, (1884).
Cherrapunji, Ceylon.

Genus Thalatta.

2249. THALATTA ALBIORBIS.

Thalatta albiorbis, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.

Lep. Ceyl. iii, p. 87, pl. 153, fig. 6, (1884).

Ceylon.

Allied to T. precedens.

2250. THALATTA FASCIOSA.

Thalatta fasciosa, Moore, Deser. Ind. Lep. Atk. ii, p. 154, pl. 5, fig. 2, (1882).

Cherrapunji.

2251. THALATTA MODESTA.

Thalatta modesta, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.

Lep. Ceyl. iii, p. 87, pl. 153, lig. 5, (1884).

Ceylon.

2252. THALATTA PRECEDENS.

Thalatta procedens, Walker, Cat. Lep. Het. B. M., xiii, p. 996, (1857). India.

Genus Ossonoba.

2253. OSSONOBA TORPIDA.

Ossonoba torpida, Walker, Cat. Lep. Het. B. M. xxxv, p. 1966, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 22, pl. 106, fig. 8, (1886).

Collection Swinhoe, Sikkim.

FAMILY AMPHIPYRIDÆ.

Genus Amphipyra.

2254. Amphipyra chalcoptera.

Amphipgra chalcoptera, Felder & R. Reise, Novara Lep., pl. 412, fig. 18, (1864-75).

Rampur, Himalayas.

2255. Amphipyra corvus.

Amphipyra cornus, Motsch.

Moore, Deser. Ind. Lep. Atk. ii, p. 154, (1882).

Khasi Hills, China, Japan.

Allied to the European A. livida.

2256. AMPHIPYRA CUPREIPENNIS.

Amphipgra cupreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882). Sikkim.

2257. AMPHIPYRA MAGNA.

Amphipyra magna, Walker, Cat. Lep. Het. B. M., p. 868, (1865). Collection Swinhoe, Solun, Thundiani (Punjab).

2258. AMPHIPYRA MONOLITHA.

Amphipyra monolitha, Gaén., Noct. ii, 414, 1279.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1018, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and North China.

Genus Tambana.

2259. Tambana catocalina.

Tumbana catocalina, Moore, Descr. Ind. Lep. Atk. ii, p. 156, pl. 5, fig. 3, (1882).

Sikkim.

2260. Tambana variegata.

Tambana variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882). Sikkim.

Genus Perinænia.

2261. PERINÆNIA ACCIPITER.

Spintherops accipiter, Felder & R. Reise, Novara, Lep. iv, pl. 111 fig., (1864-75).

Perinania accipiter, Moore, Descr. Ind. Lep. Atk. ii, p. 156, (1882).

Sikkim, Pangi.

Allied to P. lignosa of Japan.

Genus Mithila.

2262. MITHILA LICHENOSA.

Mithila lichenosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882) Sikkim.

Genus Blenina.

2263. BLENINA ACCIPIENS.

Blenina accipiens, Walker, Cat. Lep. Het. xiii, p. 1215, (1857).

Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 3, (1885).

Collection Swinhoe, (?) India.

Also recorded from Ceylon and Australia.

2264. BLENINA DONANS.

Blenina donans, Walker, Cat. Lep. Het. B. M. viii, p. 1215, (1857).

Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 2, (1885).

I. M.,? Andaman Islands.
Collection Swinhoe, Ceylon.

2265. BLENINA GRISEA.

Blenina grisca, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 1. Andaman Islands.

2266. BLENINA LICHENOSA.

Blenina lichenosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 2, Andaman Islands.

2267. BLENINA PANNOSA.

Blenina pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, pl. 5, fig. 4, (1882).

Calcutta.
Allied to B. donans.

2268. BLENINA QUINARIA.

Blenina quinaria, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, fig. 5, (1882).

Sikkim.

Allied to B. (Dandaca) senex of Japan.

2269. BLENINA VARIEGATA.

Blenina variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882). Sikkim.

Genus Amrella.

2270. AMRELLA ANGULIPENNIS.

Amrella angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, lig. 6, (1882).

Sikkim.

Genus Nænia.

2271. Nænia Chalybeata.

Nania chalybeata, Moore, Proc. Zool. Sec. Lond. 1867, p. 64. Bengal.

2272. NÆNIA CUPREA.

Nania cuprea, Moore, Proc. Zool, Soc. Lond, 1867, p. 64. Bengal.

Genus Axiopona.

2273. AXIOPENA FLUVIATILIS.

Axiopana fluviatilis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351, pl. 9, fig. 7.

Collection Swinhoe, Quetta.

Allied to A. Maura and A. Karelini of Europe.

FAMILY CATOCALIDÆ.

Genus Catocala.

2274. CATOCALA AFGHANA.

Catocala afghana, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352, pl 9, fig. 8.

Collection Swinhoe, Quetta, and Garhwal (Biluchistan).

2275. CATOCALA ALBIFASCIA.

Calocala albifascia, Walker, Cat. Lep. Het. B. M., xxxiii, p. 933, (1865). Collection Swinhoe, North Canara.

2276. CATOCALA CONCUBIA.

Catocala concubia, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).

Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 10, (1886).

I. M., Kulu (Young).

Collection Swinhoe (Solun).

2277. CATOCALA DOTATA.

Catocala dotata, Walker, Cat. Lep. Het. B. M., xiii, p. 1212, (1857).

Herr Schäffer, Schmett, figs. 585, 588.*

Walker, tec. cit., xxxiii, p. 930, (1865).

Moore, Proc. Zool. Soc. Loud. 1867, p. 68.

I. M., Kulu (Young), Chitral (Giles).

Collection Swinhoe, Solun.

2278. CATOCALA NEPCHA.

Catocala nepcha, Moore, Proc. Zool. Soc. Lond. 1867, p. 68. Sikkim.

2279. CATOCALA PATALA.

Catocala patala, Felder & R.Reise, Novara, Lep., pl. 112, fig. 23, (1864-75). India.

2280. CATCCALA PROLIFICA.

Catocala prolifica, Walker, Cat. Lep. Het. B. M., xiii, p. 1211, (1857). Catocala prolifera (sic), Butler, Ill. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 9, (1886).

I. M., Kulu (Young). Collection Swinhoe, Kulu.*

2251. CATOCALA PUDICA.

Catocala pudica, Moore, 2nd Yarkand Missien Lep., p. 12, (1879). Ladak.

2282. CATOCALA RAMA.

Catocala rama, Moore, Lep. Ceyl. iii, p. 128, pl. 160, fig. 6, (1885). Ceylon.

2283. CATOCALA SPONSALIS.

Catocala sponsalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1213, (1857).

Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 111, fig. 1, (1886).

Nepal.

2284. CATOCALA TAPESTRINA.

Catocala tapestrina, Moore, Deser. Ind. Lep. Atk. ii, p. 166, pl. v, fig. 13, (1882). Sikkim.

Part III

350 NOCTUES.

2285. CATOCALA UNICUBA.

Catocala unicuba, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).

Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 11, (1886).

Collection Swinhoe, Abbotabad (Punjab).

FAMILY HYPOCALIDÆ.

Genus Hypocala.

2286. Hypocala angulipalpus.

Hypocala angulipalpus, Guén., Noct. iii, p. 77, 1424, (1852).*

Walker, Cat. Lep. Het. B. M., xiii, p. 1176, (1857).

Hypocala angulipalpis, Moore, Lep. Ceyl. iii, p. 127, pl. 160, fig. 4, (1885).

India.

2287. HYPOCALA ASPERSA.

Hypocala aspersa, Butler, Proc. Zool. Soc. Lond. 1883, p. 164. I. M., Sikkim, Kulu (Young). Collection Swinhoe, Solun, Sikkim.

2285. Hypocala deflorata.

Noctua deflorata, Fabr., Naturf. 190, 2, figs. 6 & 7.*

Hypscala deflorata, Guén., Noct. iii, 76, 1422, No. 2.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Collection Swinhoe, Solun, Sikkim, Bombay.

2289. Hypocala efflorescens.

2290. HYPOCALA LATIVITTA.

Hypocala lativitta, Moore, Proc. Zool. Soc. Lond. 1877, p. 606, pl. 69, fig. 4.

Andaman Islands.

2291. HYPOCALA ROSTRATA.

2292. HYPOCALA SUBSATURA.

FAMILY TOXOCAMPIDÆ.

Genus Toxocampa.

2293. TOXOCAMPA COSTIMACULA.

Torocampa costimacula, Guén., Noct. ii, 429, 1302.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1031, (1857).

Moore, Proc. Zool. Soc. Lond. 1867. p. 65.

Remigia triangulata, Walker, loc. cit., xxxiii, p. 1017, (1865).

Sylhet.

2294. TOXOCAMPA CUCULLATA.

Toxocampa cucullata, Moore, Deser. Ind. Lep. Atk. ii, p. 159, (1882).

Waterhouse, Aid. iii, pl. 160, fig. 1, (1885).*

Naini Tal.

Allied to the European T. lusoria.

2295. Toxocampa dorsigera.

Toxocampa dorsigera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 873, (1865). Ophiusa dorsigera, Moore, Lep. Ceyl. iii, p. 90, (1884). Collection Swinhoe, Solun, Nilgiri Hills. Also recorded from Ceylon.

2296. TOXOCAMPA METASPILA.

Torocampa metaspila, Walker, Cat. Lep. Het. B. M., xiii, p. 1032, (1857). Ophiusa pallidilinea, Walker, loc. cit., xv, p. 1832, (1858). Ophiusa metaspila, Moore, Lep. Ceyl. iii, p. 89, pl. 154, fig. 6, (1884). Ceylon.

2297. TOXOCAMPA MOOLLA.

Toxocampa moolla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459, pl. 27, fig. 10.

Collection Swinhoe, Poona.

2298. TOXOCAMPA ORIENTALIS-

Toxocampa orientalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 381. Murroe.

Allied to T. lilacina of Japan.

352 NOCTUES.

2300. Toxocampa quinquelinea.

Toxocampa quinquelinea, Walker, Cat. Lep. Het. B. M., xxxiii, p. 872, (1865).

Ophiusa quinquelinea, Moore, Lep. Ceyl. iii, p. 89, (1884).

Ceylon.

2301. TOXOCAMPA SEXLINEA.

Toxocampa sextinea, Walker, Cat. Lep. Het. xxxiii, p. 872, (1865). Ophiusa sextinea, Moore, Lep. Ceyl. iii, p. 90, (1884). Ceylon.

2302. TOXOCAMPA TETRASPILA.

Remigia tetraspila, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1018, (1865). Toxocampa tetraspila, Moore, Proc. Zool. Soc. Lond. 1867, p. 65. Sikkim.

Genus Apopestes.

2303. Apopestes indica.

Apopestes indica, Moore, Proc. Zool. Soc. Lond. 1883, p. 22. Manpuri. Allied to A. phantasma.

2304. Apopestes phantasma.

Amphipyra phantasma, Eversm., Bull. Mosc. 1843, p. 546.

Spintherops phantasma, Guén., Noct. ii, p. 422, 1290.*

Apopestes phantasma, Moore, 2nd Yarkand Mission, Lep., p. 13, (1879).

Butler, Proc. Zool. Soc. Lond. 1880, p. 414.

Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.

Walker, Cat. Lep. Het. B. M. xiii, p. 1025, (1887).

I. M., Chitral (Giles), Yarkand (2nd Mission).

Also recorded from Candahar, and the Altai Mountains.

2305. Apopestes spectrum.

Collection Swinhoe, Quetta. Also recorded from Europe.

Noctna spectrum, Esper., Schmelt. iv, 131, pl. 100, figs. 3, 4.*
Bork., Eur. Schmett iv, 5, 2.*
Häbn., Eur. Schmett Noct., pl. 67, fig. 325.*
God., Lep. v, 105, pt. 54, fig. 3.*
Noctua sverus, Girona, Cal. Ent. 142.
Noctua genista, Vill., Ent. Linn. 329.*
Apopestes spectrum, Hübn., Verz. Bek. Schmett, p. 275, No. 2710, (1816)
Walker, Cat. Lep. Het. B. M. xiii, p. 1024, (1857).
Amphipyra spectrum, Treit., Schmett, v, 291, 7.*
Spintherops spectrum, Boisd., Ind. Meth. p. 98, No. 740, (1840).
Guén., Noct. ii, 423, 1289.*
Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.
I. M., Persia.

FAMILY POAPHILIDE.

Genus Poaphila.

2306. Poaphila puscipalpis.

Poaphila fuscipalpis, Walker, Char. Undeser. Lep. Het, p. 92, (1869). Benares.

2307. POAPHILA LUTEICEPS.

Poaphila luteiceps, Walker, Cat. Lep. Het. B. M., xxxiii, p. 992, (1865). North India.

230S. POAPHILA MARGINATA.

Poaphila marginata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 991, (1865). India.

2309. POAPHILA OCULATA.

Pouphila oculata, Meore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 11, (1882).

Bengal.

2310, Poaphula Pallens.

Prophila pallens, Moore, Deser. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 9, (1882).

2311. Poaphila Quadrilineata.

Poaphila quadrilineata, Moore, Deser. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 22, (1882). Sikkim, Cherrapunji.

2313. POAPHILA REFLEXA.

 Plecoptera reflexa, Guén., Noct. ii, p. 431, No. 1303.*

 — Walker, Cat. Lep. Het. B. M., xiii, p. 1033, (1857).

 — Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

 Trigonodes (!) gammoides, Walker, loc. vit. xv, p. 1833, (1858).

 Poaphila (!) simplex, Walker, loc. cit., p. 1840, (1858).

 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.

 Poaphila hamifera, Walker, loc. cit., xxxiii, p. 992, (1865).

 — Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.

I. M., Solun, and Karachi (Swinhoe).

Collection Swinhoe, Solun, Umballa, Mhow, Karachi, Hydrabad (Sind), Campbellpore.

Also recorded from Poona.

2313. POAPHILA UNIFORMIS.

Poaphila uniformis, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 10, > (1882).

Parisnath Hill. Calcutta.

Genus Iluza.

2314. ILUZA DECISA.

Iluza decisa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1007, (1865). North India.

2315. ILUZA DUPLEXA.

Iluza duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 7, (1882). Khasi Hills.

2316. ILUZA PYRALINA.

Iluza pyralina, Moore, Proc. Zool. Soc. Lond. 1877, p. 610. Andaman Islands.

2317. ILUZA TRANSVERSA.

Iluza transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 15, (1882).

Sikkim.

Genus Borsippa.

231S. BORSIPPA MARGINATA.

Borsippa marginata, Moore, Proc. Ind. Lep. Atk. ii, p. 173, (1882). Sikkim.
Allied to B. quadrilineata.

Genus Nasaya.

2319. NASAYA HEPATICA.

Nasaya hepatica, Moore, Descr. Ind. Lep. Atk. ii, p. 173, (1882). Sikkim.

Genus Dierna.

2320. DIERNA ACANTHUSALIS.

Dierna acanthusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 205, (1858).

Moore, Lep. Ceyl. iii, p. 188, pl. 171, fig. 9, (1885).

Nahara clavifera, Walker, loc. cit. xxxiii, p. 1004, (1865).

Collection Swinhoe, Ceylon, Nilgiri Hills.

2321. DIERNA MULTISTRIGARIA.

Dierna multistrigaria, Moore, Lep. Atk. ii, p. 173, (1882). Collection Swinhoe, Nilgiri Hills. Also recorded from Bombay, Cherrapunji.

Genus Phurys.

2322. Phurys dissimilis,

Phurys dissimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, (1882). Cherrapunji. Allied to P. similis.

2323. PHURYS FASCIOSA.

Phurys fasciosa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 6, (1882).

2324. PHURYS OBLIQUA.

Phurys obliqua, Moore, Proc. Zool. Sec. Lond. 1867, p. 80. Bengal.

2325. PHURYS SIMILIS.

Phurys similis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 5, (1882) Sikkim.
Allied to P. fasciosa.

2326. PHURYS STRIGATA.

Phurys strigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 80. Bengal.

Genus Tochara.

2327. TOCHARA OBLIQUA.

Tochara obliqua, Moore, Descr. Ind. Lep. Atk. ii, p. 175, pl. 6, fig. 27, (1882).

Khasi Hills, Cherra.

Cenus Arasada.

2328. Arasada pyraliformis.

Arasada pyraliformis, Moore, Lep. Ceyl. iii, p. 189, pl. 172, figs. 1, 1α, (1885).

Ceylon.

FAMILY XYLINIDE.

Genus Phorica.

2329. PHORICA PHASIPENNIS.

Phorica phasipennis, Walker, Cat. Lep. Het. B. M., xv, p. 1732, (1858). India.

Genus Lithophane.

2330. LITHOPHANE DEFLEXA.

Xylina deflexa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865). Lithophane deflexa, Moore, Lep. Ceyl. iii, p. 39, (1884). Ceylon.

2331. LITHOPHANE INCHOANS.

Xylina inchoans, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865). Lithophane inchoans, Moore, Lep. Ceyl. iii, p. 40, (1884). Ceylon.

Genus Xylina.

2332. XYLINA SEPARATA.

Xylina separata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 752, (1865). North India.

Genus Lyncestis.

2333. LYNCESTIS AMPRIX.

Phalena (Noctua) amphix, Cram., Pap. Exot. ii, pl. 134, fig. C. (1777). Lyncestis amphix, Walker, Cat. Lep. Het. B. M., xi, p. 632, (1857). Coromandel.

Genus Epimecia.

2334. EPIMECIA ANGULATA.

Epimecia angulata, Walker, Trans. Ent. Soc. Lond., ser. 3, vol. 1, p. 88, (1862-64).

Cat. Lep. Het. B. M., xxxiii, p. 762, (1865).

India.

Genus Corymbia.

2335. Corymbia obliqua.

Corymbia obliqua, Walker, Cat. Lep. Het. B. M., xxxiii, p. 766, (1865). Madras.

Genus Cucullia.

2336. CUCULLIA ALBESCENS.

Cucullia albescens, Moore, Proc. Zool. Soc. Lond., 1881, p. 357. Dalhousie.

2337. CUCULLIA ATKINSONI.

Cucullia atkinsoni, Moore, Descr. Ind. Lep. Atk. ii, p. 131, (1882). Sikkim.

Genus Jarasana.

2338. JARASANA LATIVITTA.

Jarasana lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 132, (1882).
——————————————————Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.

Collection Swinhoe, Karachi, Poona. Also recorded from Benares.

FAMILY CATEPHIDÆ.

Genus Briarda.

2339. BRIARDA DECENS.

Briarda deceus, Walker, Cat. Lep. Het. B. M., xiii, p. 1098, (1857).

Butler, Ill. Typ. Lep. Het. vi, p. 37, pl. 110, fig. 6, (1886).

Collection Swinhoe, Sikkim.

Also recorded from Ceylon.

2340. BRIARDA PRECEDENS.

Briarda antecedens, Walker, loc. cil., xiii, p. 1099, (1857). ♀ Collection Swinhoe, India.

Also recorded from Sumatra and Ceylon.

2341. BRIARDA VARIANS.

Briarda varians, Moore, Proc. Zool. Soc. Lond. 1867, p. 66, pl. 6, fig. 12. Bengal.

Genus Arcte.

2312. ARCTE CERULEA.

Cocytodes carulea, Guén., Noct. iii. p. 41, 1370, pl. 13, fig. 10, (1852).*
Cocytodes carula, Walker, Cat. Lep. Het. B. M. xiii, p. 1123, (1857).
Cocytodes carulea, Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Arcte carulea, Moore, Lep. Ceyl. iii, p. 112, (1885).

 M., Sikkim (Λtkinson; also purchased), Shillong, Sibsagar (Peal).

Collection Swinhoe, Sikkim. Also recorded from Ceylon.

2343. ARCTE GRANULATA.

Cocytodes granulata, Guén., Noct. iii, p. 42, 1371.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1123, (1857).

India.

2341. ARCTE MODESTA.

2345. Arcte nigrescens.

Arcte nigrescens, Butler, 1ll. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 8, (1886). Sikkim.

2316. ARCTE TAPROBANA.

Arete taprobana, Moore, Lep. Ccyl. iii, p. 113, pl. 160, fig. 1, (1885). I. M., Sikkim. Collection Swinhoe, Ccylon.

Genus Catophia.

2347. CATEPHIA LINTEOLA.

Catephia lintcola, Guén., Noct. iii, p. 44, 1375, (1852).*

Walker, Cat. Lep. Het. B. M., xiii, p. 1126, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 66.

Lep. Ceyl. iii, p. 114, pl. 159, fig. 1, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.

I. M., Sikkim (purchased), Sibsagar (Peal), Calcutta (Baxter).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

Genus Hypospila.

2348. Hypospila bolinoides.

Hypospila bolinoides, Guén., Noct. iii, p. 358, 1832.*

Swinhoe, Proc. Zool, Soc. Lend. 1885, p. 461.

Moore, Lep. Ceyl. iii, p. 203, (1885).

Thermesia signipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1572, (1858).

I. M. (?), Andaman Islands (purchased).

Collection Swinhoe, Bombay.

Also recorded from Hongkong.

IGenus Aucha.

2349. Aucha nectens.

Triphæna nectens, Walker, Cat. Lep. Het. B. M. xv, p. 1704, (1858). Triphænopsis nectens, Butler, Ann. Nat. Hist. (5), i, p. 163, (1878). Aucha nectens, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 461. Collection Swinhoe, Bombay.

2350. Aucha velans.

Aucha velnas, Walker, Cat. Lep. Het. B. M. xiii, p. 1138, (1857).

Moore, Lep. Ceyl. iii, p. 130, (1885).

Ceylon.

Genus Mosara.

2351. Mosara apicalis.

Genus Anophia.

2352. Anophia acronyctoides.

Anophia aeronyctoides, Guén., Noct. iii, 47, 1378.*

Walker, Cat. Lep. Het. B. M. xiii, p. 1128, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

I. M., Audaman Islands (purchased), Sikkim.

Also recorded from Australia, Ceylon, Punjab, Nepal, Sylhet.

2353. Anophia diputheroides.

Anophia diphtheroides, Moore, Lep. Ceyl. iii, p. 118, pl. 159, fig. 6, (1985). Ceylon.

2354. Anophia epundoides.

Anophia epundoides, Walker, Cat. Lep. Het. B. M. xxxiii, p. 917, (1865). Canara.

2355. Anophia olivescens.

I. M., Bombay and Poona (Swinhoe), Cachar (Wood-Mason). Sibsagar (Peal), Ranchi (Irvine).

Collection Swinhoe, Kasauli, Karachi, Umballa, Poona, Bombay, Mhow, Ceylon.

Also recorded from Andaman Islands.

2356. Anophia perdicipennis.

Anophia perdicipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 162, pl. 5, fig. 13, (1882).

Sikkim.

Genus Zarima.

2357. ZARIMA DENTIFERA.

Zarima dentifera, Moore, Descr. 1nd. Lep. Atk. ii, p. 162, pl. 5, fig. 19: (1882).

Sikkim.

Genus Vapara.

2358. VAPARA FASCIATA.

Vapara fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 163, (1882). Collection Swinhoe, Sikkim.

2359. VAPARA INDISTINCTA.

Lapara indistincta, Moore, Deser. Ind. Lep. Atk. ii, p. 163, (1882).
 Lep. Ceyl. iii, p. 120, pl. 159, fig. 7, (1885).
 Collection Swinboe, Sikkim.

Also recorded from Ceylon.

Genus Stictoptera.

2360. STICTOPTERA BOARMIOIDES.

Steira boarmioides, Walker, Cat. Lep. Het, B. M., xxxiii, p. 923, (1865). North India.

2361. STICTOPTERA DENTICULATA.

Stictoptera denticulata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 919, (1865).

India.

2362. STICTOPTERA GRISEA.

Stictoptera grisca, Moore, Proc. Zool. Soc. Lond. 1867, p. 67. Sikkim.

2363. STICTOPTERA ILLUCIDA.

Stictoptera illucida, Walker, Cat. Lep. Het. B. M., xxxiii, p. 918, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Calcutta.

2364. STICTOPTERA OLIVASCENS.

Stietoptera olivascens, Moore, Deser. Ind. Lep. Atk. ii, p. 164, (1882). Khasi Hills.
Allied to S. denticulata.

2365. STICTOPTERA SUBOBLIQUA.

Steiria subobliqua, Walker, Cat. Lep. Het. B. M., xiii, p. 1136, (1857). Stietoptera subobliqua, 'Moore, Lep. Ceyl, iii, p. 121, pl. 159, figs. 4, 4a, 4b, (1885).

2366. STICTOPTERA TRAJICIENS.

Steiria trajiciens, Walker, Cat Lep. Het. B. M., xiii, p. 1137, (1857). Stictoptera trajiciens, Moore, Lep. Ceyl. iii, p. 122, pl. 158, fig. 12, (1885). Ceylon.

2367. STICTOPTERA VARIABILIS.

Steiria variabilis, Moore, Descr. Ind. Lep. Atk. ii, p. 164, (1882). Stictoptera variabilis, Moore, Lep. Ceyl iii, p. 120, pl. 159, fig. 5, (1885). Sikkim, Ceylon.
Allied to S. cucullioides of Java.

Genus Erygia.

2368. ERYGIA APICALIS.

Erygia apicalis, Guén., Noct. iii, 50, 1381*.

Walker, Cat. Lep. Het. B. M., xiii, p. 1129, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Calicula exempta, Walker, lov. cit. xv, p. 1808, (1858).

Collection Swinhoe, Mhow.

Genus Odontodes.

2369. Opontodes aleuca.

Odontodes alcuca, Guén., Noct. iii, 51, 1382*.

Walker, Cat. Lep. Het. B. M., xiii, p. 1130, (1857).

Butler, Proc. Zool. Soc. Lond. 1883, p. 164.

I. M., Barakur, Calcutta, Solun (Swinhoe).

Collection Swinhoe, Solun, Sikkim, Bombay.

2370. Opontodes bolinoides.

Briarda bolinoides, Walker, Cat. Lep. Het. B. M., xv. p. 1802, (1858). Steiria subfusciata, Walker, loc. cit., xxxiii, p. 922, (1865). Odoutodes bolinoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 67. Steiria quadristrigata, Walker, loc. cit. xxxiii, p. 923, (1865). Collection Swinhoe, Mhow.

Genus Sadarsa.

2371. SADARSA LONGIPENNIS.

Sadarsa longipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, pl. 5, fig. 14, (1882).

Sikkim.

2372. SADARSA TENUIS.

Cacullia tennis, Moore, Proc. Zool. Soc. Lond. 1867, p. 60. Sadarsa tennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882). Sikkim.

Genus Gyrtona.

2373. GYRTONA ALBODENTATA.

Gyrtona albodontata, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882). Cherrapunji, Khasi Hills.

2374. GYRTONA CHALYBEA.

Gyrtona chalybea, Butler, Proc. Zool. Soc. Lond. 1883, p. 163. Collection Swinhoe, Solun, Sikkim, Buxar.

2375. GYRTONA DORSALIS.

Gyrtona dorsalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 98, (1863).

Moore, Lep. Ceyl. iii, p. 125, pl. 158, figs. 10 & 11, (1885).

Othora subfasciata, Walker, loc. cit. xxxiii, p. 907, (1865).

Othora includens, Walker, loc. cit., p. 909, (1865).

Ariola bryophilina, Felder & R. Reise, Novara Lep., pl. 120, fig. 10, (1864-75).

Collection Swinhoe, Ceylon, Nilgiri Hills.

2376. GYRTONA HYLUSALIS.

Gyrtona hylusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 93, (1863),

Moore, Lep. Ceyl. iii, p. 124, (1885).

Gyrtona nigrocinerea, Walker, loc. cit. xxvii, p. 94, (1863).

Gyrtona dorsifuscialis, Walker, loc. cit. xxvii, p. 95, (1863).

Gyrtona strenualis, Walker, loc. cit. xxvii, p. 96, (1863).

Gyrtona monitialis, Walker, loc. cit. xxvii, p. 97, (1863).

Nephopteryx demptella, Walker, loc. cit. xxxv, p. 1721, (1866).

Ceylon.

2377. GYRTONA MUSCOSA.

Diomea muscosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 898, (1865). Gyrtona muscosa, Moore, Lep. Ceyl. iii, p. 124, (1885). Ceylon.

2378. Gyrtona Phycisoides.

Gyrtona phycisoides, Moore, Lep. Ceyl, iii, p. 125, pl. 158, fig. 8, (1885). Ceylon.

2379. Gyrtona Thoracia.

Gg: tona thoracia, Walker, Cat. Lep. Het. B. M. xxvii, p. 9, (1863). Gyrtona thoracica (sie), Moore, Lep. Ceyl. iii, p. 124, (1885). Ceylon.

Genus Lophoptera.

2380. LOPHOPTERA COSTATA.

Lophoptera costata, Moore, MS.

Butler, Proc. Zool. Soc. Lond. 1883, p. 163.

Moore, Lep. Ceyl. iii, p. 123, pl. 159, fig. 8, (1885).

Collection Swinhoe, Dharmsala.

Also recorded from Ceylon.

2381. LOPHOPTERA XYLINATA.

Lophoptera xylinata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 920, (1865). Canara.

Genus Ægilia.

2382. ÆGILIA ANGULATA.

Ægilia angulata, Moore, Deser. Ind. Lep. Atk. ii, p. 146, (1882). Sikkim.

2383. ÆGILIA DESCRIBENS.

ZEgilia describens, Walker, Cat. Lep. Het. B. M. xiii, p. 1139, (1857).

Moore, Lep. Ceyl. iii, p. 122, (1885).

Ceylon.

2384. ÆGILIA OBSCURA.

Ægilia obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882). Sikkim, Sarawak.

Genus Brana.

2385. Brana Calopasa.

Brana calopasa, Walker, Cat. Lep. Het. B. M., xiii, p. 1100, (1857).

Moore, Lep. Ceyl. iii, p. 44, pl. 148, fig. 6, (1884).

Collection Swinhoe, Ceylon.

Genus Athyrma.

2386. ATHYRMA DIVULSA.

Athyrma divulsa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 966, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Collection Swinhoe, Sylhet, Bombay.

2387. ATHYRMA POLYSPILA.

Athyrma polyspila, Walker, Cat. Lep. Het. xxxiii, p. 966, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Collection Swinhoe, India.

Also recorded from Sylhet.

2387. ATHYRMA TESSELLATA.

Athyrma tessellata, Moore, Proc. Zool. Soc. Lond. 1867, p. 76. Bengal.

FAMILY HYPOGRAMMIDE.

Genus Callyna.

2389. Callyna costiflaga.

Callyna costiplaga, Moore, Lep. Ceyl. iii, p. 100, pl. 156, fig. 10, (1884). Ceylon.

2390. CALLYNA JUGARIA.

I. M., Cachar (Wood-Mason), Andaman Islands (purchased). Collection Swinhoe, Poona.

2391. CALLYNA MONOLEUCA.

Callyna monoleuca, Walker, Cat. Lep. Het. B. M., xv, p. 1667, (1858); and xxxiii, p. 914, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 66.

I. M., Sikkim (purchased), Sibsagar (Peal).

Collection Swinboe, Sikkim.

Also recorded from Canara.

2392. CALLYNA SEMIVITTA.

Callyna semivitta, Moore, Descr. Ind. Lep. Atk. ii, p. 161, (1882).

Waterhouse, Aid. iii, pl. 160, fig. 3, (1885)*.

Sikkim.

Allied to C. jugaria.

2393. CALLYNA SIDEREA.

Callyna sidera (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Poona.

Collection Swinhoe, Poona.

Also recorded from North India and Sylhet.

Genus Dinumma.

2394. DINUMMA DEPONENS.

Dinumma deponens, Walker, Cat. Lep. Het. B. M., xv, p. 1806, (1858). India.

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2395. DINUMMA MYSTICA.

Dinumma mystica, Walker, Cat. Lep. Het. B. M., xv, p. 1807, (1858). India.

2396. DINUMMA PLACENS.

Genus Burdria.

2397. BURDRIA EDEMOIDES.

Burdria edemoides, Walker, Char, Undeser, Lep. Het., p. 50, (1869). India.

Genus Corsa.

2338, Corsa Lignicolora.

Corsa lignicolora, Walker, Cat. Lep. Het. B. M., xiii, p. 1101, (1857).

Moore, Lep. Ceyl. iii, p. 99, pl. 156, fig. 9, (1885).

Ceylon.

Genus Hypogramma.

2399. Hypogramma Quadrinotata.

Hypogramma quadrinotata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 89. (1865).

India.

2400. Hypogramma validula.

Hypogramma validala, Walker, Cat. Lep. Het. B. M., xxxiii, p. 893, (1865). Punjab.

Genus Gadirtha.

2401, Gadirtha decrescens.

Gadirtha decrescens, Walker, Cat. Lep. Het., viii, p. 1104, (1857).

Meore, Lep. Ceyl, iii, p. 102, (1881).

Ceylon.

2402. Gadirtha impingens.

Gadirtha impingens, Walker, Cat. Lep. Het. B. M., xin, p. 1103, (1857): Collection Swinhoe, Hongkong. Also recorded from India.

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2403, Gadirtha inexacta.

Gadirtha inexacta, Walker, Cat. Lep. Het. B. W., xiii, p. 1102, (1857). Collection Swinhoe, North India.

240 k. Gadirtha rectifera.

Gadirtha vectifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 897, (1865).

Moore, Lep. Ceyl, iii, p. 401, (1884).

Ceylon.

Genus Plothein.

2405, Plotheia enea.

Othova anca, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 3. Collection Swinhoe, Karachi.

2406. PLOTHEIA ALBIVITTA.

Othora albiritta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 908, (1865). Plotheia albiritta, Moore, Lep. Ceyl. iii, p. 111, (1885). Ceylon.

2407. PLOTHEIA ALBOTECTA.

Othora albotecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 903, (1865). Plotheia albotecta, Moore, Lep. Ceyl. iii, p. 109, (1885). Ceylon.

2408. Plotheia basifascia.

Othora basifascia, Walker, Cat. Lep. B. M., xxxiii, p. 911, (1865). *Plotheia basifascia*, Moore, Lep. Ceyl. iii, p. 107, pl. 157, fig. 8, (1885). Ceylon.

2409. PLOTHEIA CINERASCENS.

Othera cinerascens, Walker, Cat. Lep. Het. B. M., xxviii, p. 903, (1865). Plotheia cinerascens, Moore, Lep. Ceyl, iii, p. 109, (1885). Ceylon.

2410. PLOTHELA CONCISA.

Othora concisa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 910, (1865). *Plotheia concisa*, Meore, Lep. Ceyl. iii, p. 110, (1885). Ceylon,

2411. PLOTHEIA FRONTALIS.

Plothcia frontalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1109, (1857).

Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 6, (1885).

Othera canescens, Walker, loc. cit. xxxiii, p. 904, (1865).

Collection Swinhoe, Ceylon.

2412. PLOTHEIA GRISEOVIRENS.

Plotheia griscovirens, Moore, Lep. Coyl. iii, p. 108, pl. 158, fig. 2, (1885). Ceylon.

2413. PLOTHEIA GUTTULOSA.

Gadirtha guttulosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 897, (1865). Othora onusta, Walker, loc, cit., p. 905, (1865). Othora signata, Walker, loc, cit., p. 906, (1865). Plotheia guttulosana (sic), Moore, Lep. Ceyl. iii, p. 107, pl. 158, fig. I.

(1885).

Collection Swinhoe, India. Also recorded from Ceylon.

2114. PLOTHEIA IMPRIMENS.

Othora imprimens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 911, (1865). Plotheia imprimens, Moore, Lep. Ceyl. iii, p. 110, (1885). Ceylon.

2415. Plotheia Lativitta.

Plotheia lativitta, Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 11. (1885). Ceylon,

2416. Plothers lichenoides.

Galleriomorpha lichenoides, Felder, Wien Eut. Mon. vi, 1862, Note, p. 38.

Reise, Novara Lep., pl. 100, fig. 15, (1861-75).

Nietner, Rev. et Mag. de Zool., 864, p. 60.

Observs. on Enemies of Coffee Tree in Ceylon, p. 23.*

Plotheia lichenoides, Moore, Lep. Ceyl. iii, p. 108, pl. 157, fig. 9, (1885).

Ceylon.

2417. PLOTHEIA ORBICULARIS.

Diomea orbicularis, Walker, Cat. Lep. Het. B. M., xv, p. 1804 (1858), Plotheia orbicularis, Moore, Lep. Ceyl, iii, p. 111, (1885). Ceylon.

2418. PLOTHEIA PLAGIATA.

Othora plagiata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 907, (1865). Plotheia plagiata, Moore, Lep. Ceyl. iii, p. 110, (1885). Ceylon.

2419. PLOTHEIA RUDIVITTA.

Egelesta rudivitta, Walker, Cat. Lep. Het. B. M., sv. p. 1748, (1858). Plotheia rudivitta, Moore, Lep. Ceyl. iii, p. 111, (1885). Ceylon.

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2420. PLOTHEIA SPURCATA.

Gadirtha spurcata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 896, (1865).
Othora lata, Walker, loc. cit. xxxiii, p. 909, (1865).
Plotheia spurcata, Moore, Lep. Ceyl. iii, p. 106, pl. 157, figs. 5, 7, and 12, (1885).

Ceylon.

2421. PLOTHEIA SUBGLAUCA.

Othora subglauca, Walker, Cat. Lep. Het. B. M. xxxiii, p. 905, (1865). Plotheia subglauca, Moore, Lep. Ceyl. iii, p. 110, (1885). Ceylon.

2422. PLOTHEIA VELATA.

Othora velata, Walker, Cat. Lep. Het. P. M. xxxiii, p. 902, (1865). *Plotheia velata*, Moore, Lep. Ceyl. iii, p. 109, (1885). Ceylon.

Genus Mopa.

2423. MCEPA ALBIDENS.

Mapa albidens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 916, (1865). South India.

Genus Solopa.

2424. SELEPA CELTIS.

Selepa celtis, Moore, Cat. Lep. Mus. E. J. C. ii, p. 353, pl. 9a, fig. 9, and pl. 16, figs. 8, 8a, (1857).

Lep. Ceyl. iii, p. 103, pl. 158, fig. 5, (1884).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412, pl. 15, fig. 4.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

Sabrita curviferella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1745, (1866).

Selepa curviferella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 449.

Collection Swinhoe, Bombay, Poona, Mhow.

Also recorded from Ceylon.

2425. SELEPA DOCULIS.

2426. SELEPA OCCULTA.

Sclepa occulta, Swiahoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 11;
 and 1886, p. 449.

Collection Swinhoe, Poona, Mhow.

2427. SELEPA STRIGIFERA.

Selepa strigifera, Moore, Lep. Ceyl. iii, p. 103, pl. 158, figs. 3, 3a, (1884). Ceylon.

2428. SELEPA VITEA.

Sclepa vitea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460, pl. 27, fig. 17. I. M., Khandalla (Swinhoe). Collection Swinhoe, Bombay, Khandalla.

Genus Symitha.

2429. Symitha indica.

Sarrothripa indica, Felder & R. Reise, Novara Lep. iv, pl. 106, fig. 19, (1864-75).

Symitha indica, Moore, Lep. Ceyl. iii, p. 104, pl. 158, fig. 6, (1884).

Ceylon.

2430. Symitha sceptica.

Symitha sceptica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 6. Bombay.

Genus Cletthara.

2431. CLETTHARA BASALIS.

Cletthara basalis, Moore, Lep. Coyl. iii, p. 105, pl. 158, fig. 7, (1884). Ceylon.

FAMILY POLYDESMIDE.

Genus Bamra.

2432. BAMRA ACRONYCTOIDES.

Bamra aeronyctoides, Moore, Deser. Ind. Lep. Atk. ii, p. 160, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.

Collection Swinhae, Umballa, Poona, Mhow. Also recorded from Sikkim.

2433. BAMRA ALBICOLA.

Felinia albicola, Walker, Cat. Lep. Het. B. M., xiv, p. 1515, (1858). Bamra albicola, Moore, Deser, Ind. Lep. Atk. ii, p. 159, (1882). India.

576 NOCTUES.

2134. BAMBA DISCALIS.

Apriopis discalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. vii, fig. 2. Banca discalis, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).

I. M., Sibsagar (Peal), Sikkim (purchased).

Collection Swhinhoe, Sibsagar.

2135. BAMBA LEPUDA.

Agriopis lepida, Moore, Proc. Zool. Soc. Lond. 1867, p. 56. Bengal.

Genus Oromona.

2434. OROMENA RELINQUENDA.

Briards relinquenda, Walker, Cat. Lep. Het. B. M., xv. p. 1802, (1858). Oromena reliquenda (sic), Moore, Deser. Ind. Lep. Atk. ii, p. 160, (1882). I. M., Sikkim 'purchased'), Mergui (Anderson). Collection Swinhoe, Sikkim.

Genus Donda.

2437. DONDA EURYCHLORA.

Dandaca carychlora, Walker, Cat. Lep. Het. B. M., xv. p. 1679, (1858). Donda carychlora, Moore, Proc. Zool. Soc. Lond. 1883, p. 23. Canara, Sikkim.

2438. Donda ornata.

Donda ornata, Moore, Proc. Zool, Soc. Lond. 1883, p. 23, pl. 6, fig. 3. Bombay.

2439. Donda striatovirens. .

Danda striatovirens, Moore, Proc. Zool. Soc. Lond. 1883, p. 23, pl. 6, fig. 2. Cherrapunji.

2140. Donda Thoracica.

Donda thoracica, Moore, Descr. Ind. Lep. Atk. ii, p. 161, pl. v, fig. 7, (1882). Sikkim.

Genus Pandesma.

2441. PANDESMA DEVIA.

Pandesma devia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 3. Collection Swinhoe, Karachi, Gonda, Hydrabad (Sind).

2142. PANDESMA HEMODI.

Pandesma hemodi, Felder & R. Reise, Novara Lep., pl. 111, fig. 25, (1864-75).

I. M., Sikkim (purchased).

2143. PANDESMA QUENAVADI.

D Lanca and the Co. St. N 4 (2) 1 199 No. 1916 S
Pandesma quenavadi, Guén., Noct. ii, p. 438, No. 1310.*
Moore, Proc. Zeol. Soc. Lond. 1867, p. 65.
Swinhoe, Proc. Zool. Sec. Lond. 1885, p. 459; and
1886, p. 448.
Moore, Lep. Ceyl. iii, p. 91, pl. 156, fig. 1, (1884).
Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
Pandesma anysa, Guén. Noct. ii, 439, 1311.*
Walker, Cat. Lep. Het. B. M., xiii, p. 1040, (1857).
Moore, Proc. Zool. Soc. Lond. 1883, p. 23.
Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
Cerbin funitiva, Walker, lov. cit. xiv, p. 1365, (1858).
Thria fugitiva, Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
Pandesma fugitiva, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519.
Collection Swinhoe, Solun, Mhow, Poona, Bombay, Karachi.
Also recorded from Campbellpore and Sylhet.

Genas Pandesma.

2444. Pandesma similata.

2445. Pandesma sublimis.

Pandesma (2) sublimis, Felder & R. Reise, Novaca Lep. pt. 111, fig. 23, (1864—1875).

I. M., Sikkim (purchased).

tiems Polydesma.

2446. Polydesna boarmoides.

Polydesma boarmoides, Guén., Noct. ii, p. 441, (1852).*	
Walker, Cat. Lep. Het. B. M. xiii, p. 1042, (1857)	١.
Moore, Proc. Zool, Soc. Lond. 1867, p. 65; at	
1877, p. 606.	
Swinhoe, Proc. Zool. Soc. Lond 1885, p. 459; at	αď
1886, p. 448.	
Polydesma mastrucata, Felder & R. Reise, Novara, Lep., pl. iii, fig. 3	1.
(1864-75).	
Anod spha boarmoides, Moore, Lep. Ceyl. iii, p. 92, pl. 156, fig. 2, (1884)	
Alamis brevipalpis, Walker, Cat. Lep. Het. B. M. xiii, p. 1051, (1857).	
Polydesma brevipalpis, Swinhoe, Proc. Zool. Soc. Lend. 1885, p. 459; av	ıd
1886, p. 448	

Collection Swinhoe, Mhow, Poona, Bombay, Sikkim, Ceylon. Also recorded from Ceylon, Andaman Islands, Sylhet, Cashmir.

2447. POLYDESMA ERUBESCENS.

Polydesma erubeseens, Walker, Caf. Lep. Het. B. M. xxxiii, p. 976, (1865). Anodapha erubeseens, Moore, Lep. Ceyl, iii, p. 92, (1884). Ceylon.

2448. Polydesma otiosa.

2449. Polydesma scriptilis.

Genus Thria.

2450. THRIA INEPTA.

Thria (?) inepta, Butler, Proc. Zool. Soc. Lond. 1831, p. 620.

Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.

Collection Swinhoe, Chaman (South Afghanistan).

FAMILY HOMOPTERIDÆ.

Genus Alamis.

2451. Alamis continua.

Alamis continua, Walker, Cat. Lep. Het. B. M. xxxiii, p. 877, (1865).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 448.

Homoptera continua, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412, pl. 15, fig. 9.

Collection Swinhoe, Mhow.

2452. Alamis Glaucinans.

Alamis glaucinans, Guén., Noct. iii, 6, 1326.*

Walker, Cat. Lep. Het. B. M. xiii, p. 1050, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

2453. Агамія пурорижа.

Alamis hypophaa, Guéni, Noet. iii, 1, 1323.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1049, (1857).

India.

2454. Alamis infligers.

Homoptera infligens, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Alamis infligens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Poona and Karachi (Swinhoe).

Collection Swinhoe, Poona, Bombay, Karachi.

2155. Alamis umbrina.

Genus Caduca.

2456, CADUCA MELEAGRIS.

Alamis meleagris, Felder & R. Reise, Novara Lep., pl. 111, fig. 32, (1861-75).

Caduca meleagris, Moore, Lep. Ceyl. iii, p. 96, pl. 156, fig. 7, (1884).

Ceylon.

Genus Homoptora.

2457. Помортева абворимстата.

Homoptera albopunctata, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857). North India.

2458. Honoptera antica.

Homoptera antica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 887, (1865). South India.

2159. Homoptera catenata.

Homoptera catenata, Moore, Lep. Ceyl. iii, p. 550, pl. 214, fig. 1, (1887). Ceylon.

2460. Homoptera costifera.

Homoptera costifera, Walker, Cat. Lep. Het B. M. xxxiii, p. 886, (1865).

Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2461. Homoptera detersa.

Homoptera detersa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 888, (1865). North India. 274 NOCTUES.

\$462. Homoptera intenta.

Homoptera intenta, Walker, Cat. Lep. Het. B. M. xiii, p. 1070, (1857). Campbellpore.

2465. Homoptera plumipes.

Homosteva plumipes, Walker, Cat. Lep. Het. B. M. xxxiii, p. 888, (1865). North India.

9 64. Homoptera procumbers.

Homoptevo procumbens, Walker, Cat. Lep. Het. B.M. xxxiii, p. 886, (1865).

Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2465. Homoptera retrahens.

Homoptera vetraliens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 887, (1865)

Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2466. Homoltera solita.

Homoptera solita, Walker, Cat. Lep. Het, B. M., xiii, p. 1068, (1857).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 11
fig. 9.

Mhow.

2167. Homoppera vetusta.

Polydenna retesta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 875, (1865).

Homeptera vetusta, Butler, Proc. Zeol. Soc. Lond. 1831, p. 618,

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Collection Swinhoe, Karachi, Mhow.

2468, Homoptera vills.

Homoptera vilis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 889, (1865).

Eutler, Proc. Zool. Soc. Lond, 1886, p. 382.

Collection Swinboe, Campbellpore.

Genus Panilla.

2469, Panilla dispila.

Homoptera dispita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 890, (1865). Homoptera divisistriga, Walker, M. S. B. M. Cab.

Panilla dispita, Moore, Lep. Ceyl. iii, p. 93, pl. 156, fig. 12, (1884).

Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 460.

Collection Swinhoe, Poona, Nilgiri Hills.

Also recorded from Ceylon.

Genus Girpa.

2170. GIRPA ERIOFHORA.

Halodes eriophora, Guén., Noct. iii, p. 210, 1611, ?, (1852)*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1336, (1858).

Ophisma deficieus, Walker, loc. cit. xiv, p. 1383, (1858).

Remigia perfiliosa, Walker, loc. cit. xiv, p. 1511, (1858).

Hypopyra apicalis, Walker, Journ. Linn. Soc. vii, p. 178, (1864).

Ophisma canalifera, Walker, M. S. B. M. Coll.

Girpa eriophora, Moore, Lep. Ceyl. iii, p. 95, pl. 156, fig. 4, 2, (1884).

Cotaza deficiens, Moore, Proc. Zool. Soc. Lond. 1867, p. 74, pl. 7, fig. 1.

I. M., Sibsagar.

Collection Swinhoe, Ceylon, Nilgiri Hills.

Also recorded from Sylhet and China.

2471. GIRPA FRATERNA.

Girpa fraterna, Moore, Lep. Ceyl. iii, p. 94, pl. 156, figs. 5, 5 i, (1884).

Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 460.

I. M., Khandalla, and Nilgiri Hills (Swinhoe).

Collection Swinhoe, Khandalla, Matherau, Mhow, Nilgiri Hills, Poona, Bombay, Ceylon.

1472. GIRPA INANGULATA.

1. M., Andaman Islands (DeRoepstorff), Ceylon (Colombo Museum), Sikkim.

Collection Swinhoe, Solun, Kasaoli, Sikkim, Mhow, Poona, Bombay, Alimedabad, Nilgiri Hills.

Also recorded from Sylhet, Madras, Benares, and China.

173. GIRPA PERTENDENS.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Kulu, Pooua, Nilgiri Hills.

Also recorded from Ceylon,

FAMILY OPHIDERIDE.

Genus Argadosa.

2474. ARGADESA MATERNA.

Drury, Ins. ii, p. 24, pl. 13, fig. 4, (1773). Cram., Pap. Exot. ii, pl. 174, fig. B, (1777), iii, pl. 267, fig. E. (1780). Noctua materna, Fabr., Sp Ins. ii, p. 212, No. 16, (1781). Mant. Ins. ii, 137, No. 20, (1787). Ent. Syst. iii, 2, p. 16, No. 27, (1794). Noctua hybrida, Fabr., Syst. Ent., p. 593, No. 11, (1775). Rhytia materna, Hübn., Verz. Bek. Schmett, p. 264, No. 2594, (1816). Triphaa materna, Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
iii, pl. 267, fig. E. (1780). Noctua materna, Fabr., Sp. Ins. ii, p. 212, No. 16, (1781). Mant. Ins. ii, 137, No. 20, (1787). Ent. Syst. iii, 2, p. 16, No. 27, (1794). Noctua hybrida, Fabr., Syst. Ent., p. 593, No. 11, (1775). Rhytia materna, Hilbn., Verz. Iick. Schmett, p. 264, No. 2594, (1816). Triphaa materna. Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
Noctua materna, Fabr., Sp Ins. ii, p. 212, No. 16, (1781). Mant. Ins. ii, 137, No. 20, (1787). Ent. Syst. iii, 2, p. 16, No. 27, (1794). Noctua hybrida, Fabr., Syst. Ent., p. 593, No. 11, (1775). Rhytia materna, Hilbn., Verz. Bek. Schmett, p. 264, No. 2594, (1816). Triphaa materna. Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
Noctua hybrida, Fabr., Syst. Ent., p. 593, No. 11, (1775). Rhytia materna, Hübn., Verz. Bek. Schmett, p. 264, No. 2594, (1816). Triphaa materna, Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
Noctua hybrida, Fabr., Syst. Ent., p. 593, No. 11, (1775). Rhytia materna, Hübn., Verz. Bek. Schmett, p. 264, No. 2594, (1816). Triphaa materna. Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
Rhytia materna, Hübn., Verz. Bek. Schmett, p. 264, No. 2594, (1816). Triphwa materna. Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
Triphaa materna. Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
F.J. Daving 4: 20 at (2) C. (2)
Ed. Drury, ii, 26, pl. 63, fig. 4*.
Ophideres materna, Boisd., Fann. Mad. Lop., p. 100, 2*.
Guen., Noct. iii, p. 113, 1480*.
- Walker, Cat. Lep. Het. B. M. xiii, p. 1221, (1857).
Moore, Proc. Zool. Soc. Lond. 1867, p. 68. Argadesa materna, Moore, Trans. Zool. Soc. Lond. 1881, p. 74, pl. 1
figs. 4, 4a, b, c, d, and pl. xiv, figs. 3 & 3a.
Lep. Ceyl. iii, p. 133, pl. 161, fig. 2, (1885).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463; at
1886, p. 450.
I. M., Barakur. No locality (Karachi Museum).
Collection Swinhoe, Solun, Belgaum, Satara, Mhow, Poon Bombay, Karachi.
Also recorded from Calcutta, Lucknow, Allahabad, Canar Madras, Ceylon, Java.

Genus Othreis.

2475. OTHREIS ANCILLA.

bay (Swinhoe).

Collection Swinhoe Wilgiri Hills Setore Romboy Poons.

Collection Swinhoe, Nilgiri Hills, Satara, Bombay, Poona, Ceylon.

Also recorded from Allahabad, Canara.

2476. Othreis cajeta.

Phalæna (Noctua)cajeta, Cram., Pap. Exot. i, pl. 30, figs. A, B, C (1775), (nec Walker).

Corycia cajeta, Hübn', Verz. Bek. Schmett, p. 265, No. 2599, (1816).

Ophideres, cajeta, Guén., Noct. iii, p. 112, 1478, & &

Walker, Cat. Lep. Het. xiii, 1223, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Othereis Cajeta-continued.

Ophideres multiscripta, Walker, Cat. Lep. Het. B. M. xiii, p. 1226, (1857). Othreis cajeta, Moore, Trans. Zool. Soc 1881, p. 67, pl. xiii, figs. 2, 2a. Lep. Ceyl. iii, p. 132, pl. 162, figs. 1, 1a, (1885).

Swinhoe, Proc. Zool. Soc. 1885, p. 463.

I. M., Sibsagar (Peal), Sylhet.

Collection Swinhoe, Belgaum, Ceylon.

Also recorded from Malabar, Madras, Sumatra, Australia, New Hebrides (?), Africa.

2177. OTHEREIS FULLONICA.

Phalæna (Noctua) fullonica, Linn., Syst. Nat. ii, p. 812, 16, (1767). Phalana fullonia, Clerck Icones, pl. 48, (1759). Noctua dioscoreæ, Fabr., Sp. Ins. ü, p. 212, No. 15, (1781). -Syst. Ent., p. 593, (1775). -Mant. Ins. ii, p. 137, No. 19, (1787). –Ent. Syst. iii, 2, p. 16, No. 26, (1794). Phalana (Noctua) pomona, Cram., Pap. Exot. vol. I, pl. 77, fig. C, (1776). Othreis pomona, Hübn., Verz. Bek. Schmett, p. 264, No. 2596, (1816). Corycia dioscorca, Hübn., Verz. Bek. Schmett, p. 265, No. 2600, (1816). Ophideres fullonica, Guén., Noct. iii, p. 111, 1477*.

Walker, Cat. Lep. Het. B. M., xiii, p. 1222, (1857). -Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 607. Ophideres cajeta, Walker, loc. cit., xiii, p. 1223, (1857). Othreis fullonica, Mocre, Trans. Zool. Soc. Lond. 1881, p. 64, pl. 12, figs. 1, 1a, and pl. 13, figs. 1, 1a. – Lep. Ceyl. iii, p. 131, (1885). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463, and

1886, p. 450. I. M., Sibsagar (Peal), Darbhanga (Maries), Kulu (Young), Khasi Hills (Chennel), Andaman Islands (purchased), Sikkim (purchased; also Barnes), Shillong, Buxa (Moti Ram), Cachar (Wood-Mason), Tavoy (Moti Ram),

Collection Swinhoe, Mhow, Sikkim, Bombay, Karachi, Ceylon. Also recorded from Africa, Australia, New Hebrides, Navigators' Islands, East Indian Islands, Malay.

Genus Mænas.

2478. Mænas salaminia.

Noctua salaminia, Fabr., Ent. Syst. iii, 2, p. 17, No. 28, (1794). Pholana (Noctua) salaminia, Cramer, Pap. Exot. ii, pl. 174, fig. A. (1777). Manas salaminea (sic), Hübn., Verz. Bek. Schmett, p. 264, No. 2592,(1816). -Moore, Trans. Zool. Soc. Lond. 1881, p. 71, pl. 12, figs. 3, 3a, 3b, and pl. 14, fig. 2. -Lep. Ceyl. iii, p. 134, pl. 161, figs. 1, 1a, 1b, (1885).

Ophideres salamina, Guén., Noct. iii, p. 115, 1484*.

Ophideres salaminia, Walker, Cat. Lep. Het. B. M., xiii, p. 1225, (1857). -Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Cachar (Wood-Mason), Sikkim (Barnes; also purchased), Sibsagar (Peal), Calcutta, Khasi Hills (Chennel), Cherra, Sylhet, Nicobar Islands (purchased).

Collection Swinhoe, Solun, Sikkim, Ceylon.

Also recorded from Japan, China, Formosa, Singapore, Java, Australia.

Genus Rhytia.

2479. Rhytia cocale.

Phalana (Noctua) cocalus, Cram., Pap. Exot. ii, pl. 134, fig. B, (1777). Rhytra cocale, Hübn., Verz. Bek. Schmett, p. 264, No. 2593, (1816). Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl, 12, figs. 5, 5a. and pl. 14, figs. 5, 5a. Ophideres cocalus, Guén., Noct. iii, p. 115, 1485*. ----- Walker, Cat. Lep. Het. B. M. xiii, p. 1225, (1857). Noctua maculata, Weber, Observ. Ent., p. 111, (1801)*. Ophideres plana, Walker, loc. cit., xiii, p. 1226, (1857). ----- Moore, Proc. Zool. Soc. Lond. 1867, p. 68. I. M., Java.

Collection Swinhoe, Java.

Also recorded from Coromandel and Sylhet.

2180. RHYTIA HYPERMNESTRA.

Phalana (Noctua) hypermuestra, Cram., Pap. Exot. iv, pl. 323, figs. A. E. (1780).Rhytia hypermuestra, Hübn., Verz. Bek. Schmett, p. 264, No. 2595, (1816). ----Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl. 12, fig. 6, and pl. 14, figs. 4, 4a. Lep. Ceyl. iii, p. 135, pl. 162, figs. 3, 3a, (1885).-Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463. Ophideres hypermuestra, Guén., Noct. iii, p. 116, 1486*. — Walker, Cat. Lep. Het. B. M., xiii, p. 1225, (1857). - Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 608. - Butler, Proc. Zoel. Sec. Lond. 1881, p. 619. I. M., Sylhet, Sikkim (purchased), Andaman Islands (purchased), Tavoy (Moti Ram). Collection Swinhoe, Malabar, Poona, Belgaum, Sikkim, Ceylou-Also recorded from Canara, Nilgiri Hills, Khasi Hills, Moulmein.

Genus Khadira.

2481. KHADIRA AURANTIA.

Ophideres aurantia, Moore, Proc. Zool. Soc. Lond. 1877, p. 607. Khadira aurantia, Moore, Trans. Zool. Sec. Lond. 1881, p. 69, pl. 13, fig. 4. Collection Swinboe, Andaman Islands.

Genus Adris.

2482. Adris rutilus.

Adris rutilus, Moore, Trans. Zool. Soc. Lond. 1881, p. 70. Lep. Ceyl. iii, p. 136, pl. 162, figs. 2, 2a, (1885). Ceylon.

2483. Adris tyrannus.

Ophideres tyrannus, Guén., Noct. iii, 110, 1476. - Walker, Cat. Lep. Het. B. M., xiii, p. 1224, (1857). Adris tyrannus, Moore, Trans. Zool. Soc. Lond. 1881, p. 69, pl. 13, fig. 5. I. M., Sikkim (purchased), Kulu (Young).

Collection Swinhoe, Sikkim.

Also recorded from Simla, Bombay, Shanghai, Japan.

Genus Purbia.

2484. Purbia discrepans.

Ophideres discrepans, Walker, Cat. Lep. Het. B. M., xiii, p. 1227, (1857).

Ophideres archon, Felder & R., Reise der Novara Lep., pl. 113, fig. 3, (1864-75).

Purbia discrepans, Moore, Trans. Zool.Soc. Lond. 1881, p. 71, pl. 14, fig. 1. I. M., Sibsagar (Peal).

Also recorded from Malabar, Siam, Singapore, Java.

Genus Phyllodes.

2455. Phyllodes consobrina.

Phythodes consolarina, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 2, (1848).

Walker, Cat. Lep. Het. B. M., p. xiii, 1232, (1857).

Moore, Proc. Zool. Soc. Lond, 1867, p. 68; and 1877, p. 608.

Bombyx conspicillator, Fabr., (ucc Cramer), Ent. Syst. iii, p. 412, No. 14, (1793).

Phyllodes perspicili dor, Guén., Noct. iii, 120, 1494*.

I. M., Sibsagar (Peal), Sikkim (purchased), Sylhet.

Collection Swinhoe, Sylhet.

Also recorded from the Andaman Islands.

2486. Phyllodes fasciata.

Phyllodes fusciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

M., Sikkim (purchased; also Barnes), Sibsagar (Peal).
 Collection Swinhoe, Sikkim.

2487. PHYLLODES MALIGERA.

Phyllodes maligera, Butler, Ent. Monthly Mag. xx, p. 138, (1883).
 Meore, Lep. Ceyl. iii, p. 137, pl. 163, figs. 2, 2a, (1885).
 Ceylon.

2488, PHYLLODES GRNATA.

Phyllodes ernata, Moore, Deser. Ind. Lep. Atk. ii, p. 166, (1882).

M., Cherra, Sikkim (purchased; 'also Barnes).
 Collection Swinhoe, Sikkim.

2489. PHYLLODES ROSEIGERA.

Phyllodes roscigera, Butler, Proc. Zool. Soc. Lond. 1883, p. 164

1. M., Andaman Islands (purchased).

Collection Swinhoe, Andaman Islands.

Allied to P. consobrina.

2190. PHYLLODES USTULATA.

I. M., Sikkim (purchased; also Barnes).

1. M., Sikkim (purchased; also Bari Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

2491. Phyliodes vernuellit.

Phyllodes verhuellii, Voll., Tijd. voor Ent. i, p. 166. pl. 8*.

Moore, Journ. As. Soc. Beng., vol. lv., pt. 2, p. 100, (1886).

I. M., Tavoy (Moti Ram).

Genus Ischyja.

249?. ISCHYJA MANLIA.

Phalæna (Noctna) manlia, Cram., Pap. Exot. i, pl. 92, fig. A, (1776).

Noctna manlia, Fabr., Ent. Syst. iii, 2, p. 28, No. 65, (1794).

Ischyja manlia, Hübn., Verz. Bek. Schmett. p. 265, No. 2602, (1816).

Moore, Lep. Ceyl. iii, p. 138, pl 163, figs. 1, 1a, 1b, (1885).

Potamophora manlia, Guén., Noct. iii, p. 123, (1852)*.

Walker, Cat. Lep. Het. B. M.,xiii, p. 1234, (1857).

Moore, Proc. Zool. Soc. Lond. 1807, p. 69; 1877, 608; and 1878, p. 818.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Perak (purchased), Sikkim (purchased), Buxa (Moti-Ram), Kulu (Young), Tavoy (Moti-Ram), Mussoorie (Templeton), Java (DeNiceville).

Collection Swinhoe, Sikkim, Dharmsala, Khandalla, Bombay, Caylon.

Also recorded from Andaman Islands, Berneo, Philippine Islands, and China.

Genus Lygniodes.

2493. LYGNIODES CILIATA.

Lygniodes ciliata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69. Bengal.

2194. Lyoniodes endoleuca.

Lygniodes endoleuca, Guén , Noet. iii, 124*.

Walker, Cat. Lep. Het. B. M., xiii, p. 1235. (1857).

Java, Mount Ophir.

2495. LYGNIODES HYPOLEUCA.

I. M., Sylhet, Sibsagar (Peal), Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (Barnes; also purchased). Collection Swinhoe, Sylhet, and the Nilgiri Hills.

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2496. LYGNIODES REDUCENS.

Lygniodes reducens, Walker, Cat. Lep. Het. B. M. xiii, p. 1236, (1857) Lygniodes disparans, Walker, loc. cit. xv, p. 1817, (1858). Agonista reducens, Moore, Lep. Ceyl. iii, p. 140, pl. 163, figs. 3, 3a, (1885).

Collection Swinhoe, Nilgiri Hills. Also recorded from Ceylon.

FAMILY EREBIIDÆ.

Genus Oxyodos.

2197. OXYODES SCROBICULATA.

Noctua scrobiculata, Fabr., Sp. Ins. ii, p. 212, No. 14, (1781).

Mant. Ins. ii, p. 137, No. 18, (1787).

Phalana (Noctua) scrobiculata, Gmel., Ed. Syst. Nat. i, 5, p. 2531, 980.*

Phalana (Noctua) clytia, Cram., Pap. Exot. iv, pl. 399, fig. G, (1782).

Oxyodes clytia, Guén., Noct. iii, p. 128, 1501.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1239, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

Oxyodes scrobiculata, Moore, Lep. Ceyl. iii, p. 141, pl. 164, fig. 1, (1885).

Collection Swinhoe, Sylhet, Ceylon.

Genes Sypna.

2498. SYPNA ALBILINBA.

Sypna albilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1261, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

Butler, Trans. Ent. Soc. Lond. 1881, p. 209.

Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 1, (1886).

Sylhet.

2499. SYPNA ALBOVITTATA.

Sypna albovittata, Moore, Descr. Ind. Lep. Atk. ii, p. 168, pl. 5, fig. 26, (1882).

Sikkim.

Allied to S. tenebrosa.

2500. SYPNA APICALIS.

Sypna apicalis, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.

Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 6, (1886).

Moore, Journ. As. Soc. Beng. vol. lv, pt. 2, p. 100, (1886).

I M., Tavoy (Moti Ram). Also recorded from Sikkim.

2501. Sypna biocularis.

Tavia biocularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
Sypna biocularis, Butler, Trans. Ent. Soc. Lond. 1881, p. 295.
Collection Swinhoa Sikkim Nilgiri Hills

Collection Swinhoe, Sikkim, Nilgiri Hills.

Closely allied to S. caliginosa.

Part III.

382 NOCTUES.

2502. SYPNA BRUNNEA.

Sypna brunnea, Moore, Descr. Ind. Lep. Atk. ii, r. 167, (1882).

Waterhouse, Aid. II, pl. 159, fig. 3.*

Collection Swinhoe, Solun.

Also recorded from Sikkim.

Allied to S. cyanivitta.

2503. SYPNA CALIGINOSA.

Tavia caliginosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 940, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

Sypna caliginosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.

Sikkim.

2504. SYPNA CATOCALOIDES.

Tavia catocaloides, Moore, Proc. Zool. Soc. Lond. 1867, p. 71, pl. 7, fig. . Sypna catocaloides, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim.

2505. SYPNA CELISPARSA.

Sypna cælisparsa, Walker, Cat. Lep. Het. B. M., xiv, p. 1262, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

Butler, Trans. Ent. Soc. Lond. 1881, p. 204,

Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 4, (1886).

Assam.

2506. SYPNA CONSTELLATA.

Sypna constellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

Waterhouse, Aid. 11, pl. 159, fig. 1, (1885).*

Cellection Swinhoe, Dharmsala.

2507, SYPNA CURVILINEA.

Sypna curvilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 69, pl. 6, fig. 4.

Butler, Trans. Eut. Soc. Lond. 1881, p. 208.

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim.

2508. SYPNA CYANIVITTA.

Sypna cyanivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

Butler, Trans. Ent. Soc. Lond. 1881, p. 209.

- Proc. Zool. Lond. 1883, p. 164.

Waterhouse, Aid. ii, 159, fig. 4, (1885).*

Sikkim, Solun

2509. SYPNA DUBITARIA.

Tavia dubitaria, Walker, Cat. Lep. Het. B. M., xxxiii, p. 939, (1865). -Moore, Proc. Zool. Soc. Lond. 1867, p. 70. Sypna dubitaria, Butler, Trans. Ent. Soc. Lond. 1881, p. 203. 1. M., Kulu (Young), Sikkim.

Collection Swinhoe, Kasauli, Sikkim.

2510. SYPNA FLOCCOSA.

Supra floccosa, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 23, (1882). Sikkim. Allied to S. replicala.

2511. SYPNA FRATERNA.

Sypna fraterna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25, Sikkim.

Allied to S. curvilinea.

2512. SYPNA KIRBYI.

Sypna kirbyi, Butler, Trans. Ent. Soc. Lond. 1881, p. 209. Waterhouse, Aid, ii, pl. 159, fig. 5, (1885).* I. M., Sikkim (purchased), Kulu (Young). Collection Swinhoe, Sikkim.

2513. SYPNA LUCILLA.

Sypna lucilla, Butler, Trans. Ent. Soc. Lond. 1881, p. 206. ---- Ill. Typ. Lep. Het. vi, p. 43, pl. 111, fig. 8, (1886). Sikkim.

2514. SYPNA MOOREI.

Sypna moorei, Butler, Trans. Ent. Soc. Lond. 1881, p. 209. --- Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 2, (1886). M., Sikkim (Barnes; also purchased). Collection Swinhoe, Assam. Also recorded from Shillong.

Allied to S. rectilinea.

2515. Sypna mormoides.

Sypna mormoides Butler, Trans. Ent. Soc. Lond. 1881, p. 202. · Ill. Typ. Lep. Het. vi, p. 40, pl. 111, fig. 2, (1886).Sikkim.

2516, Sypna obscurata.

Sypna obscurata, Butler, Trans. Ent. Soc. Lond. 1881, p. 207. -Ill, Typ. Lep. Het. vi, p. 43, pl. 111, fig. 9,

Collection Swinhoe, Sikkim. Also recorded from Shillong.

2517. SYPNA OMICRONIGERA.

2518. SYPNA PANNOSA.

Sypna pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 168, pl. 5, fig. 12, (1882).

I. M., Kulu (Young). Collection Swinhoe, Solun. Also recorded from the Khasi Hills.

2519. SYPNA PLANA.

Sypna plana, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 21, (1882).

I. M., Sibsagar (Peal).Collection Swinhoe, Sikkim.Also recorded from Cherrapunji.

2520. SYPNA PRUNOSA.

Sypna prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.

Waterhouse, Aid. ii, pl. 159, fig. 6, (1885).*

Sikkim.

Allied to S. moorei.

2521. SYPNA PULCHRA.

Sypna pulchra, Butler, Trans. Ent. Soc. Lond. 1881, p. 208.

Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 5, (1886)
Sikkim.

2522. Sypna punctosa.

Tavia punctosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 939, (1865).

Sypna punctosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.

Proc. Zool. Soc. Lond. 1883, p. 164.

Shillong, Solun.

2523. SYPNA RECTILINEA.

Sypna rectilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

Butler, Trans. Ent. Soc. Lond. 1881, p. 209.

Tavia albilinea, Walker, Cat. Lep. Het. B. M. xxxiii, p. 949, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

Collection Swinhoe, Dharmsala.

Also recorded from Sikkim.

2524. SYPNA RENISIGNA.

Sypna renisigna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.
Waterhouse, Aid. ii, pl. 160, fig. 4, (1885).*
Khasi Hills.

2525. SYPNA REPLICATA.

Elpia replicata, Felder & R. Reise, Novara Lep., pl. 117, fig. 25, (1864-75). Sypna replicata, Moore, Descr. Ind. Lep. Atk. ii, p. 167, (1882). Sikkim.

2526. Sypna Rubrifascia.

Sypna rubrifuscia, Moore, Proc. Zool. Soc. Lond. 1883, p. 24. Sikkim.

2527. SYPNA SUBMARGINATA.

Tavia submarginata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 941, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

Sypna submarginata, Butler, Trans. Ent. Soc. Lond. 1881, p. 201.

I. M., Sikkim (Barnes).

Collection Swinhoe, Simla, Sikkim.

2528. SYPNA TENEBROSA.

Sypna tenebrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 203.

Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 7, (1886).

Sikkim.

2529. Sypna umbrosa.

Sypna umbrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 3, (1886).
Shillong.

Genus Anisoneura.

2530. Anisoneura hypocyana.

Anisoneura hypocyana, Guén., Noct. iii, 162, 1553.*

Walker, Cat. Lep. Het. B. M., xiv. p. 1286, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

L. M. Sikkim (Barnes: also purchased). Shillong Cachar Khan

 M., Sikkim (Barnes; also purchased), Shillong, Cachar, Khasi Hills (purchased).

Collection Swinhoe, Solun, Sikkim.

Also recorded from Sylhet.

2531. Anisoneura salebrosa.

Anisoneura salebrosa, Guén., Noct. iii, 161, 1552.*

Walker, Cat. Lep. Het. B. M., xiv. p. 1285, (1853).

Moore, Proc. Zool. Soc. Loud. 1867, p. 71.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Collection Swinhoe, Poona, Sylhet.

FAMILY OMMATOPHORIDÆ.

Genus Patula.

2532. PATULA BCOPIS.

Patula boopis, Guén., Noct. iii, 178, 1560.*

Walker, Cat. Lep. Het. B. M., xiv. p. 1301, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Sylhet.

Closely allied to P. macrops.

2533. PATULA MACROPS.

Phalæna (attacus) macrops, Linn., Syst. Nat., 12th ed., iii. p. 225, (1768).* - Cram., Pap. Exot. ii, p. 114, pl. 171, figs. A, B, (1777). Noctua bubo, Fabr., Sp. Ius. ii, p. 209, No. 3, (1781). - Mant. Ins. ii, p. 135, No. 3, (1787). - Ent. Syst. iii, 2, p. 9, No. 4, (1794). Erebus macrops, Donov., Ins. China, p. 80, pl. 44, fig. 1, (1842). Sulzer, Ins., p. 160, pl. 22, fig. 2.* Argiva macrops, Hübn., Verz Bek. Schmett, p. 272, No. 2679, (1816). Frebus bubo, Boisd., Faune Ent. Mad. Lep., 110, 1.* Patula macrops, Guén., Noct. iii, p. 177, 1568.*

Walker, Cat. Lep. Het. B. M., xiv. p. 1300, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 72. - Journ. As. Soc. Bengal, vol. lv, pt. 2, p. 100, (1886).Lep. Ceyl, iii, p. 145, pl. 164, fig. 5, (1885). - Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 462. I. M., Tavoy (Moti Ram), Shillong, Sylhet, Buxa (Moti Ram), Darbhangah (Maries), Sibsagar (Peal), Khasi Hills, Sikkim (Barnes). Collection Swinhoe, Kasauli, Deesa, Nilgiri Hills, Sikkim, Mhow, Bombay, Sholapore, Karachi.

Also recorded from Ceylon, Madagasear, South Africa.

Genus Argiva.

2534. ARGIVA CAPRIMULGUS.

1. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram). Collection Swinhoe, Sikkim, Khandalla, Nilgiri Hills. Also recorded from Upper Tenasserim and Sylhet.

2535. Argiva hierogi.yphica.

Phalæna (Noctua) hieroglyphica, Drury. Ins. Exot. ii, p. 3, pl. ii, fig. 1, (1773).

Noctua hieroglyphica, Fabr., Ent. Syst. iii, 2, p. 11, No. 10, (1794).

ARGIVA HIEROGLYPHICA—continued.

Phalana (Noctua) mygdonia, Cram., Pap. Exot. ii, pl. 174, fig. F (1777).
Phalana (Noctua) hermonia, Cram., loc. cit., pl. 174, fig. E, (1777).
Noctua utula, Fabr., Sp. Ins. ii, p. 211, No. 9, (1781).
Mant. Ins. ii, p. 136, No.9, (1787).
Ent. Syst. iii, 2, p. 11, No. 11, (1794).
Erebus hieroglyphicus, Westw., Ed. Drucy ii, 3, pl. 2, fig. 1.*
——————————————————————————————————————
Frebus hermonia, Boisd., Faune Ent. Madag. Lep. iii 4.*
Argiva hermonia, Hübn., Verz. Bek. Schmett, p. 272, No. 2678, (1816).
Argiva kieroglypkica, Hübn., loc. cit., p. 272, No. 2677, (1816).
Guén., Noct. iii, p. 179, 1570.*
Walker, Cat. Lep. Het. B. M., xiv., p. 1302, (1858).
Moore, Proc. Zool. Soc. Lond. 1867, p. 72; 1877
p. 608; and 1878, p. 848.
Lep. Ceyl. iii, p. 146, pl. 165, figs, 22a, (1885)
Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.
I. M., Mergui (Anderson), Sylhet, Buxa (Moti Ram), Sikkim
(Pamou) Culantta (Pantus) Combas (M. Larrest) 10
(Barnes), Calcutta (Baxter), Ceylon (Mackwood), Tavoy
(Moti Ram), Sibsagar, Khasi Hills.
Collection Swinhoe, Pegu, Sikkim, Deesa, Bombay, Belgaum
Nilgiri Hills.
Also recorded from Andaman Islands and Madagascar.
They recorded train triuming thanks and brains ascur.
ARGIVA STRIGIPENNIS.

2536. A

Argiva strigipennis, Moore, Proc. Zool. Soc. Lond. 1883, p. 25. Khasi Hills. Allied to A. hieroglyphica.

Genus Nyctipao.

2537. NYCTIPAO ALBICINCTA.

Erebus albicinctus, Kollar, Hüg. Kasch. iv, p. 474, pl. 22, (1848). Erebus rivularis, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 3, (1848). Nyctipao rivularis, Guén., Noct. iii, 182, (1573).* Nyctipao albicineta, Walker, Cat. Lep. Het. B. M., xiv p. 1304, (1858). I. M., Sikkim, Khasi Hills (Chennel), Cherra, Shillong. Collection Swinhoe, Solun, Nilgiri Hills. Also recorded from Sylhet.

2538. NYCTIPAO CONTURBANS.

Nyctipao conturbans, Walker, Cat. Lep. Het. B. M., xiv, p. 1308, (1858). India.

2539. NYCTIPAO CREPUSCULARIS.

Phalana crepuscularis, Linn., Syst. Nat. x, p. 509.* Phalana (Noctua) crepuscularis, Linn., Mus. Lud. Ulr., p. 378, No.	. 13,
Drury, Exot. Ins. i, p. 39, pl.	20
figs. 1, 2, (1770). Cram., Pap. Exot. ii, pl.159, fig. A,(1	777).

Nyctipao crepuscularis—continued. ì Phalæna (Noctua) crepuscularis, Clerck, Icones, pl. 53, (1759). Noctua crepuscularis, Fabr., Sp. Ins. ii, p. 211, No. 11, (1781). Mant. Ins. ii, p. 136, No. 12, (1787).
Ent. Syst. iii, 2, p. 13, No. 17, (1794). Nyctipao ephesperis, Hübn., Verz. Bek. Schmett, p. 272, No. 2675, (1816). Erebus crepuscularis, Boisd., Faun. Ent. Madag. iii, 2.* — Duncan, Exot. Moths. p. 196, pl. 25, fig. 1.* - Koll. Hügel, Kaschmir, vol. iv, p. 475, (1848). - Westw., Ed. Drury i, 37, pl. 20, figs. 1, 2.* - Nat. Libr. xxxvii, Exot. Moths, p. 196, Nyctipao crepuscularis, Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 72; 1877, p. 608; and 1878, p. 849. Guén., Noct. iii, p. 182.* Moore, Lep. Ceyl. iii, p. 148, pl. 165, figs. 1, 1a, (1885). Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462. Nyetipao latitia, Butler, Ill. Typ Lep. Het. iii, p. 26, pl. 47, fig. 9, (1879). · Ann. Mag. Nat. Hist. (5) v, p. 225, (1880). 1. M., Java (De Niceville), Belgaum (Swinhoe), Simla, Cherra, Sikkim (purchased), Tavoy (Moti Ram), Sylhet, Cachar (Wood-Mason), Kulu (Young), Mergui (Anderson), Sibsagar (Peal), Andaman Islands (purchased). Collection Swinhoe, Belgaum, Sikkim, Kasauli, Simla, Nilgiri Hills. Also recorded from Ceylon, Madagascar, Java, and Japan. 2540. Nyctipao exterior. Nuctipao exterior, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858). --- Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 3, (1886). - Journ. As. Soc. Bengal, vol. lv, pt. 2, p. 100, (1886).Nuctipao obliterars, Walker, loc. cit., p. 1307, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 72. I.M., Cachar (Wood-Mason), Sylhet, Buxa (Moti Ram), Sibsagar (Peal), Tavoy (Moti Ram), Sikkim (Barnes; also purchased). Collection (Swinhoe), Sylhet, Nilgiri Hills. Also recorded from Tenasserim. 2541. NYCTIPAO GEMMANS. Nyctipao gemmans, Guén , Noct. iii, 182, 1572.* Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858). Moore, Proc. Zool. Soc. Lond. 1867, p. 72. Sylhet. 2542. NYCTIPAO GLAUCOPIS. Nyctipao glaucopis, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858). Moore, Proc. Zool. Soc. Lond. 1867, p. 72. - Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 4, (1886).

I. M., Sikkim (Barnes), Mussoorie (Templeton), Cherra. Collection Swinhoe, Solun.
Also recorded from Sylhet.

2543. Nyctipao prunosa.

Nyctipao prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26. North-Western Himalayas. Allied to N. glaucepis.

2544. NYCTIPAO TRUNCATA.

Nyctipao truncata, Moore, Proc. Zool. Soc. Lond. 1877, p. 608. Andaman Islands.

Genus Ommatophora.

2545. OMMATOPHORA LUMINOSA.

Genus Entomogramma.

2546. Entomogramma antica.

Remigia antica, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1016, (1865). Collection Swinhoe, India. Recorded from South India.

2517. Entomogramma decora.

Remigia decora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1015, (1865). Collection Swinhoe, Nilgiri Hills.

2548. Entomogramma fautrix.

Entomogramma fautrix,	Guén., Noct. iii, (vii?) 204, 5, 1604.*
	Walker, Cat. Lep. Het. B. M., xiv, p. 1331,(1858).
	Felder & R. Reise, Novara Lep., pl. 115, fig. 5,
	(1861-75).
	Moore, Proc. Zool. Soc. Lond. 1867, p. 73; 1877, p. 609; and 1878, p. 849.
	proof and reto, in one.

I. M., Sibsagar, Sikkim (purchased), Andaman Islands (purchased), Buxa (Moti Ram).
Collection Swinhoe, Sikkim, Andaman Islands, Nilgiri Hills.

Also recorded from Ceylon, Upper Tenasserim, and Java.

2549. Entomogramma poststrigaria.

Ceylon.

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2550. Entomogramma torsa.
          Eutomogramma torsa, Guén., Noct. iii, p. 204, (1852)*.
                               -- Walker, Cat. Lep. Het. B. M. xiv, p. 1331, (1858).
                               - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and
                                             1886, p. 449.
          Entomogramma squamicornis, Felder & R. Reise, Novara Lep. iv, pl. 115,
                                                               fig. 3, (1864-75).
          Taramina torsa, Moore, Lep. Ceyl. iii, p. 153, pl. 166, fig. 2, (1885).
          Collection Swinhoe, Mhow, Bombay, Poona.
          Also recorded from Ceylon and Java.
                                   Genus Homæa.
2551. HOMÆA CLATHRUM.
          Homaa clathrum, Guén., Noct. iii, 207, 1607*.

    Walker, Cat. Lep. Het B. M., xiv. p. 1334, (1858).
    Swiuhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and

                                          1886, p. 449,
          Collection Swinhoe, Bombay, Mhow.
          Also recorded from Nepal.
                                Genus Speiredonia.
2552. Speiredonia feducia.
          Phalæna (Noctua) feducia, Stoll. Cram, Pap. Exot. Suppl., pl. 36, fig.
                                                 3, (1790).
          Speiredonia feducia, Hübn., Verz. Bek. Schmett, p. 272, No. 2685, (1816).

Guén., Noct. iii, p. 171*.
                             Walker, Cat. Lep. Het. B. M. xiv, p. 1292, (1858).

    Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

    Lep. Ceyl, iii, p. 143, pl. 164, fig. 2, (1885).

          Sylhet, Ceylon.
2553. Speiredonia retrailens.
          Speiredonia retrahens, Walker, Cat. Lep. Het. B. M., xiv, p. 1294, (1858).

    Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877.

                                           p. 608.
                                    -- Lep. Ceyl. iii, p. 142, pl. 164, figs. 4 & 6, (1885).
          Sericia parvipennis, Walker, loc. cit., p. 1297, (1858).
          Ommatophora albifascia, Walker, loc. cit., xxxiii, p. 947, (1865).
          Speiredonia conspicua, Felder & R. Reise, Novara Lep., pl. 113, fig. 7,
                                                         (1864-75).
                              -- Moore, Proc. Zool. Soc. Lond. 1877, p. 608.
          Speiredonia retrahens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.
          I. M., Calcutta (De Niceville).
          Collection Swinhoe, Poona, Ceylon,
          Also recorded from the Andaman Islands, and Java.
2554. Speiredonia zamis.
          Phalana (Noctua) zamis, Stoll.-Cram., Pap. Exot. 162, pl. 36, fig. 11,
                                                      (1790).
          Speiredonia zamis, Guén., Noct. iii, p. 171, 1561*.
                           - Walker, Cat. Lep. Het. xiv, p. 1293, (1858).

    Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

                                   - Lep. Ceyl, iii, p. 143, pl. 164, fig. 3, (1835).
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Tranquebar, Sylhet, Ceylon.

Genus Sericia. 2555. SERICIA ANOPS. Sericia anops, Guén., Noct. iii, p. 173, 1564, (1852)*. — Walker, Cat. Lep. Het. B. M. xiv, p. 1296 (1858). – Moore, Lep. Ceyl. iii, p. 144, pl. 164, fig. 7, (1885). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462. I. M., Ceylon (Colombo Museum), Andaman Islands (purchased). Collection Swiphoe, Khandalla, Belgaum. Also recorded from Australia. 2556. Sericia calamistrata. Sericia calamistrata, Moore, Proc. Zool. Soc. Lond. 1883, p. 26. Andaman Islands. Allied to S. substruens, Walk. 2557. SERICIA SUBSTRUENS. Tavia substruens, Walker, Cat. Lep. Het. B. M., xiv, 3, p. 1276, (1858). - Moore, Proc. Zool. Soc., Lond. 1867, p. 70; and 1877, p. 608. 1. M., Cachar (Wood-Mason), Nicobar Islands (DeNiceville). Sind (Karachi Museum), Sikkim (purchased), Andaman Islands (purchased). Collection Swinhoe, Sylhet. FAMILY HYPOPYRIDÆ. Genus Spiramia. 2558. Spiramia coherens. Spiramia coharens, Walker, Cat. Lep. Het. B. M. xiv, p. 1321, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877, p. 608. - Lep. Ceyl. iii, p. 149, pl. 165, figs. 3, 3a, (1885). Collection Swinhoe, Solun, Sikkim, Nilgiri Hills, Ceylon. Also recorded from the Andaman Islands. 2559. Spiramia helicina. Speiredonia helicina, Hübn., Zütr. Samml. Exot. Schmett iii, 14, 219, figs. 437-38, (1825)*. Spiramia helicina, Gudn., Noct. iii, p. 197, 1594, (1852*). — Moore, Lep. Ceyl. iii, p. 150, pl. 165, figs. 4, 4a, (1885). - Proc. Zool. Soc. Lond. 1867, p. 72; and 1878, p. 849.

p. 450.

I. M., Sibsagar, Buxa (Moti Ram), Ceylon (Colombo Museum), Shillong, Naga Hills, Kulu (Young), Simla, Cachar (Wood-Mason), Ranchi (Irvine), Mussoorie (Templeton).

Collection Swinhoe, Poona, Bombay, Belgaum, Satara, Mhow.

Walker, Cat. Lep. Het., xiv, p. 1320, (1858).

- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463; and 1886,

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2560. Spiramia modesta.
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Spirama modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 168, (1882). Sylhet, Sikkim.

Allied to S. (Hypopyra) mollis of Java.

2561. Spiramia retorta.

Mant. Ins. ii, p. 136, No. 11, (1787).

Phalæna spiralis, Gmel., Ed. Syst. Nat. i, 5, 2530, 973*.

Speiredonia retorta, Hübn., Verz. Bek. Schmett, p. 272, No. 2682, (1816).

Erebus retorta, Koll., Hüg. Kasch. iv, p. 475, (1848).

Speiramia suffumosa, Guén., Noct. iii, p. 195, 1590*.

Spirama remota, Felder, Sitzb. Akad. Wiss. Wien, M. N. Cl. B, 43, p. 43,

Spirama remota, Felder, Sitzb. Akad. Wiss. Wien, M. N. Cl. B, 43, p. 43, No. 104* (?). var. (?) Erebus chimista, Koll., Hüg. Kaschmir, iv, p. 475, (1848).

Speiramia retorta, Guén., Noct. iii, p. 198, 1593*.

Walker, Cat. Lep. Het., xiv, p. 1319, (1858).

Spirama retorta, Aurivillius, Kongl. Sv. Vet. Akad. Handl., vol. 19, (5), p.

153, (1882).

Butler, Ann. Mag. N. H. (5), xvi, p. 347, (1885).

Collection Swinhoe, North India. Also recorded from Hongkong.

2562. Spiramia triloba.

Genus Hypopyra.

2563. HYPOPYRA DISTANS.

Hypopyra distans, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882). Bombay.

2.61. Hypopyra feniseca.

Collection Swinhoe, Solun. Also recorded from Sylhet.

2565. Hypopyra ossigera.

I. M., Sibsagar, Sikkim (purchased), Buxa (Moti Ram). Collection Swinhoe, Sikkim.

2566. HYPOPYRA PALLIDA.

Hypopyra pallida, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.

Lep. Ceyl. iii, p. 151, pl. 166, figs. 1, 1a, (1885).

I. M., Ceylon (Colombo Museum). Allied to *H. vespertilio*.

2567. HYPOPYRA PANDIA.

Hypopyra pandia, Felder & R. Reise, Novara, pl. 115, fig. 12, (1864-75). India.

2568. Hypopyra persimilis.

Hypopyra persimilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 608.

Andaman Islands.

Allied to II. ossigera.

2569. HYPOPYRA PUDENS.

Hypopyra pudens, Walker, Cat. Lep. Het. B. M., xiv, p. 1329, (1858). India.

2570. HYPOPYRA SHIVA.

Hypopyra shiva, Guén., Noct. iii, 199, 1597*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).

Collection Swinhoe, Sikkim.

2571. HYPOPYRA UNISTRIGATA.

Hypopyra unistrigata, Guén., Noct. iii, 201, 1601*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1327, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Maxula idonca, Walker, loc. cit., and xxxiii, p. 1696, (1865).

Angerona pocusaria, Walker, loc. cit., xx, p. 243, (1860).

I. M., Sibsagar, Sylhet, Sikkim.

Collection Swinhoe, Sylhet.

2572. Hypopyra vespertilio.

Noctua vespertilio, Fabr., Mant. Ins. ii, p. 136, No. 16, (1787).

Ent. Syst. iii, 2, p. 15, No. 23, (1794).

Phalana vespertilio, Gmel., Ed. Syst. Nat. i, 5, 2531, 977*.

Hypopyra vespertilio, Guén., Noct. iii, 199, 1598*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Sikkim (purchased; also Barnes), Andaman Islands (purchased), Buxa (Moti Ram), Sibsagar (Peal), Kulu (Young). Collection Swinhoe, Solun, Poona, Sikkim, Nilgiri Hills. Also recorded from Tranquebar, Ceylon, and China.

Genus Cyclodes.

2573. Cyclodes omna.

Noctua omma, Van der v. Heven, Descr. de Lep. Nouv. v, pl. 7, figs. a, b*.

Erchus omma, Van der v. Heven, Tijd. Voor. Nat. Gesch. vii, p. 281, pl. 7,
figs. 7, a, b, (1840).*

Cyclodes omma, Guén., Noct. iii, p. 27, 1353, (1852)*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1085, (1858).

Moore, Lep. Ceyl. iii, p. 152, pl. 160, fig. 7, (1885).

Beregra replenens, Walker, loc. cit. xiv, p. 1315, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Sibsagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sibsagar.

Also recorded from Sylhet, Ceylon, and Java.

Genus Ortospana.

2574. ORTOSPANA CONNECTENS.

Octospana connectens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 950, (1865).

Moore, Lep. Ceyl. iii, p. 154, (1885).

Ceylon.

FAMILY BENDIDÆ.

Genus Hulodes.

2575. HULODES CARANEA.

 Phalana (Noctua) caranea, Cram., Pap. Exot. iii, pl. 269, figs. E, F, (1780).

 Bendis caranea, Hübn., Verz Bek. Schmett., p. 269, No. 2650, (1816).

 Hulodes caranea, Guén., Noct. iii, p. 208, 1608*.

 — Walker, Cat. Lep. Het. B. M., xiv, p. 1335, (1858).

 — Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

 Lep. Ceyl. iii, p. 155, pl. 166, figs. 3, 3a, and pl. 167, fig. 6, (1885).

 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

 I. M., Caehar (Wood-Mason), Shillong, Sibsagar (Peal), Sikkim (purchased), Kulu (Young), Buxa (Moti Ram).

 Collection Swinhoe, Satara, Poona, Bombay, Nilgiri Hills, Ceylen.

 Also recorded from Java.

2576. HULODES RESTORANS.

Hypopyra restorans, Walker, Cat. Lep. Het. B. M., xiv, p. 1328, (1858). Hulodes (?) drylla, Guén., Noct. iii, p. 209, pl. 24, fig. 10*. Hulodes restorens (sie), Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Ranchi (Irvine), Manbhum (Beavan), Calcutta, Perak (purchased).

Collection Swinhoc, Sylhet.

2577. HULODES SATURNIOIDES.

Hulodes saturnioides, Guén., Noct. iii, 209, 1610*. - Walker, Cat. Lep. Het. B. M., xiv, p. 1336, (1858). India.

Genus Hamodos.

2578. HAMODES ATTACICOLA.

Ophisma attacicola, Walker, Cat. Lep. Het. B. M., xiv, p. 1383, (1858). Hamodes attacicola, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463. Collection Swinhoe, Jacobabad (Sind), Bombay.

2579. HAMODES AURANTIACA.

Hamodes aurantiaca, Guén., Noct. iii, 203, 1603*. Walker, Cat. Lép. Het. B. M., xiv, p. 1330, (1858).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 73. Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520. Sylhet, Karachi.

2580. HAMODES DISCISTRIGA.

Hypernaria discistriga, Moore, Proc. Zool. Soc. Lond. 1867, p. 78. Hamodes discistriga, Moore, Proc. Zool. Soc. Lond. 1877, p. 609. Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Sibsagar (Peal), Sikkim (purchased), Ranchi (Irvine). Collection Swinhoe, Bombay.

Also recorded from the Andaman Islands.

2581. Hamodes Marginata.

Hamodes marginata, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882). Sikkim.

FAMILY OPHIUSIDÆ.

Genus Melipotis.

2582. Melipotis costipannosa.

Melipotis costipannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 166, pl. 5, fig. 8, (1882).

Sikkim.

2583. MELIPOTIS CYLLARIA.

Phalæna (Noctua) cyllaria, Cram., Pap. Exot. iii, pl. 251, figs. C, D, (1779). Melipotis cyllaris, (sic), Hübn., Verz. Bek. Schmett., p. 260, No. 2558, (1816). Melipotis cyllaria, Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 3, (1885). Achea cyllaria, Guén., Noct. iii, p. 249, 1670*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).

Ercheia cyllaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

I. M., Sikkim (purchased), Sibsagar (Peal), Andaman Islands (purchased).

Collection Swinhoe, Nilgiri Hills, Poona, Bombay,

Also recorded from Coromandel, Ceylon!

2584. MELIPOTIS CYLLOTA.

Achæa cyllota, Guén., Noct. iii, p. 248, 1669, (1852)*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).

Achæa signivitta, Walker, loc. cit. xiv, p. 1398, (1858).

Melipotis cyllota. Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 2, (1885).

Ercheia cyllota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Bombay.

Also recorded from Ceylon, Borneo.

2585. MELIPOTIS DIVERSIPENNIS.

Ercheia diversipennis, Walker, Cat. Lep. Het. B. M., xiii, p. 1198, (1857).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412.

Melipotis ambidens, Felder & R. Reise, Novara Lep. iv, pl. 116, fig. 9, (1864—75).

Melipotis diversipennis, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 1, (1885).

Ceylon, Mhow.

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2586. MELIPOTIS FUSIVERA.

Achæa fusifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1398, (1858). Melipotis fusifera, Moore, Lep. Ceyl. iii, p. 116, (1885). Ceylon, Sumatra.

2587. MELIPOTIS PANNOSA.

Erchera pannosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 24. Melipotis pannosa, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 4, (1885), Ceylon, South India. Allied to E. costipannosa.

2588. MELIPOTIS STRIGIPENNIS.

Melipotis strigipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882). Sikkim. Allied to M. (Ercheia) umbrosa, of Japan.

2589. MELIPOTIS TENEBROSA.

Ercheia tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 66; and 1877, p. 606.

Bengal, Andaman Islands.

2590 Melipotis uniformis.

Ercheia uniformis, Moore, Proc. Zool. Soc. Lond. 1883, p. 24. South India.

2591. MELIPOTIS ZURA.

Erchcia zura, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465. Collection Swinhoe, Bombay.

2592. MELIPOTIS ZYGIA.

Ercheia zygia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465. Collection Swinhoe, Poona.

Genus Sphingomorpha.

2593. Sphingomorpha chlorea.

Phalana (Noctua) chlorea, Cram., Pap. Exot. ii, pl. 104, fig. C, (1777).
Sphingomorpha chlorea, Guén., Noct. iii, p. 222, 1626, (1852)*. Walker, Cat. Lep. Het. B. M. xiv, p. 1345, (1858).
Forsayeth, Trans. Ent. Soc. Lond. 1881, p. 414,
pl. 15, figs. 7, 7a.
Moore, Lep. Ceyl. iii, p. 157, pl. 167, fig. 4, (1885).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464, and 1886, p. 450.
Sphingomorpha sipyla, Guén., Noct. iii, p. 222, 1627, pl. 21, fig. 4, (1852)*.
I. M., False Point (Baxter), Sikkim (purchased).
Collection Swinhoe, Mhow, Assirgarh, Nilgiri Hills, Poona.
Also recorded from Sylhet, Ceylon, and Africa.

Genus Iontha.

2591, IONTHA UMBRINA.

Genus Thyas.

2595. THYAS CORONATA.

I. M., Calcutta (De Niceville), Sikkim (purchased), Ranchi (Irvine), Perak (purchased), Manbhum (Beavan).

Collection Swinhoe, Sikkim, Karachi, Bombay, Belgaum, Poona, Elephanta Island.

Also recorded from Nepal, Sylhet, Ceylon, Andaman Islands.
Part III.

2596. THYAS DOTATA.

Noctua dotata, Fabr., Eut. Syst. iii, 2, p. 55, No. 153, (1794). Arcte polygrapha (?). Kollar, Hüg. Kasch. iv, p. 478, (1848). Ophiusa dotata, Van der Hæven, Lep. Nov., pl. 4, figs. 3 a, b*. Lagoptera dotata. Guén., Noct. iii, 226, 1632*. --- Walker, Cat. Lep. Het. B. M. xiv, p. 1353, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Ranchi (Irvine), Calcutta (Wood-Mason), Kulu (Young), Pera's (purchased), Sikkim (Barnes), Buxa (Moti Ram), Sibsagar, Shillong, Cherrapunji.

Collection Swinhoe, Sikkim, Poona, Khandalla, Bombay, Nilgiri Hills.

Also recorded from Mussooree.

2597. THYAS ELEGANS.

Ophiusa elegans, Van der Hoeven, Lep. Nov., pl. 5, figs., 6 a & b*. Lagoptera multicolor, Guén., Noct. iii, 226, 1631*. – Walker, Cat. Lep. Het. B. M., xiv, p. 1352, (1859). I. M., Sikkim (purchased), Shillong. Collection Swinhoe, Simla, Sikkim, Nilgiri Hills.

2598. THYAS HONESTA.

Thyas konesta, Hübn., Samral. Exot. Schmett, ii, Index, p. 4, figs. 1 & 2. 1820-26*.

- Moore, Lep. Ceyl. iii, p. 158, pl. 167, fig. 2, (1885). Noctua microrhwa (?), Fabr., Ent. Syst. iii, 2, p. 17, No. 30, (1794). Lagoptera honesta, Guén., Noct. iii, p. 224, 1629, (1852)*. Walker, Cat. Lep. Het. B. M., xiv, p. 1351, (1858).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 74; and 1877, p. 609.

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (Barnes; also purchased), Sibsagar (Peal). Collection Swinhoe, Sikkim, Raipur (Centrai India). Also recorded from Andaman Islands and Ceylon.

Genus Ansa.

2599. Ansa filipalpis.

Ansa filipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1731, (1858). ----- Moore, Lep. Ceyl. iii, p. 174, (1885). Ceylon.

Genus Minucia.

2600. MINUCIA ADUSTA.

Ophiodes adusta, Moore, Deser. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 11. (1882).

Cherrapunji, Allied to M. trapezium.

2601. MINUCIA BASISIGNUM.

Ophiodes basisignum, Walker, Cat. Lep. Het. B. M., xiv, p. 1359, (1858). India, Australia.

2602. MINUCIA CUPREA.

Ophiodes cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

I. M., Buxa (Moti Ram), Sikkim (Barnes), Ranchi (Irvine). Collection Swinhoe, Solun, Raipur (Central India).
Also recorded from Formosa.

2603. MINUCIA DISCRIMINANS.

Ophiodes discriminans, Walker, Cat. Lep. Het. xiv, p. 1358, (1858). Minucia discriminans, Moore, Lep. Ceyl. iii, p. 160, pl. 166, fig. 4, (1885). Collection Swinhoe, Ceylon.

2604. MINUCIA FERVIDA.

Ophiodes fervida, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.

I. M., a specimen with no history.

Collection Swinhoe, Solun.

Allied to M. lunaris of Europe.

2605. MINUCIA INDISTINCTA-

Ophiodes indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 12, (1882). Khasi Hills.

2606. Minucia prunicolor.

Minucia prunicolor, Moore, Lep. Ceyl. iii, p. 160, pl. 167, fig. 3, (1885),

I. M., Sibsagar (Peal).

Also recorded from Ceylon.

2607. MINUCIA REMIGIOIDES.

Ophiodes remigioides, Guén., Noct. iii, 230, 1637*.

Walker, Cat. Lep. Het. B. M. xiv, p. 1359, (1858).

India.

2608. MINUCIA SEPARANS.

Ophiodes separans, Walker, Cat. Lep. Het. B. M. xiv, p. 1357, (1858).
Moore, Proc. Zeol. Soc. Lond. 1867, p. 74.
Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.
Swinhoe, Proc. Zool, Soc. Lond. 1884, p. 521; and 1885.
p. 464.

Ophiodes tirrhæa, (var A), Guén., Noct. iii, 229*.

I. M., Kulu (Young), Cachar, Sikkim (purchased), Khaşi Hills.

Collection Swinhoe, Kasauli, Karachi, Satara, Poona, Bombay, Mhow, Sholapore, Nilgiri Hills.

2609. MINUCIA TRAPEZIUM.

Also recorded from Sylhet, Ceylon.

2610. MINUCIA TRIPILENOIDES.

I. M., Bombay (Swinhoe), Sikkim (purchased), Ranchi (Irvine).

Collection Swinhoe, Khandalla, Mhow

2611. MINUCIA TUMIDILINEA.

Ophiusa tumidilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858). Ophiodes tumidilinea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 464.

Collection Swinhoe, Bombay, Poona, North Canara, Karachi, Nilgiri Hills.

Genus Ophisma.

2612. Ophisma amabilis.

Ophisma amabilis, Walker, Char. Undescr. Lep. Het. 1869, p. 91. Benares.

2613. OPHISMA CIRCUMFERENS.

Ophisma circumferens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 956, (1865).

Moore, Lep. Ceyl. iii, p. 161, (1885).

Ceylon.

2614. OPHISMA CONTENTA.

Ophisma contenta, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858). India.

2615. OPHISMA CERTIOR. .

Ophisma certior, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858). India.

2616. OPHISMA GRAVATA.

Ophisma gravata, Guén., Noct. iii, 237, 1648.* -Walker, Cat. Lep. Het. B. M., xiv, p. 1379, (1858). -Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sylhet. Also recorded from Australia.

2617. Ophisma maturata.

Ophisma maturata, Walker, Cat. Lep. Het. B. M. xiv, p. 1382, (1858). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466. Collection Swinhoe, Bombay.

2018. Ophisma maturescens.

Ophisma maturescens, Walker, Cat. Lep. Het. B. M., xiv, p. 1382, (1858). — Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sikkim. Also recorded from Sylhet.

Also recorded from Penang.

2619. Ophisma rigidistria.

Ophisma rigidistria, Guén., Noct. iii, 240, 1655.* --- Walker, Cat. Lep. Het. B. M., xiv, p. 1380, (1858). India.

1620. Ophisma stamica.

Ophisma siamica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 957, (1865). Siam.

Genus Platyja.

2621. Platyja umminia.

Phalana (Noctua) umminia, Cram., Pap. Exot. iii, pl. 267, fig. F. (1780).

Ophisma umminia, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858). Sympis subunita, Guén., Noct. iii, p. 344, (1852).*

- Walker, loc. cit., xv, p. 1549, (1858). Cotuza drepanoides, Walker, loc. cit., p. 1552, (1858).

Cotuza umminia, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Platyja umminea (sic), Hübu., Vorz. Bek. Schmett, p. 268, No. 2625, (1816).

Platyja umminea, Moore, Lep. Ceyl. iii, p. 2 1, pl. 173, figs. 6, 6a, (1885). Ophisma trajecta, Walker, Char. Undescr. Lep. Het., p. 108, (1869). Hulodes falcata, Felder & R. Reise, Novara, Lep. iv, pl. 115, fig. 8. (1864-75).

Collection Swinhoe, North India. Also recorded from Bengal, Ceylon, Java, China, Penang.

Genus Pindara.

2622. PINDARA ILLIBATA.

Noctua illibata, Fabr., Syst. Ent. p. 592, No. 8, (1775).

Homeroblemma peropace, Hübn., Zutr. Samml. Exot. Schmett. iii, 33, 271, fig. 541-2, (1825).*

Walker, Cat. Lep. Het. B. M., xiv, p. 1242, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Ophisma lætabilis, Guén., Noct. iii, p. 241, (1852).*

Walker, loc. cit. xiv, p. 1380, (1858).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Pindara illibata, Moore, Lep. Ceyl.;iii, p. 170, (1885).

Collection Swinhoe, Sikkim, Bombay, Poona, Matheran, Raipur (Central India).

Also recorded from Ceylon, Sylhet, China, and South America.

Genus Achæa.

2623. Achæa combinans.

Achæa combinans, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).

Moore, Lep. Ceyl. iii, p. 165, pl. 169, fig. 3, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2624. ACHEA MELICERTE.

 Phalæna (Noctua) melicerte,
 Drury, Ins. 1, p. 46, pl. 23, fig. 1, (1770).

 Cram., Pap. Exot. iv, pl. 323, figs. C, D, (1780); and vol. i, pl. 62, figs. C, D., (1775).

 Noctua tigrina, Fabr., Sp. Ins., p. 218, No. 52, (1781).

 Ent. Syst. iii, p. 402, No. 105, (1794).

 Achæa melicerte, Hübn., Verz. Bek. Schmett, p. 269, No. 2643, (1816).

 Guén., Noct. iii, p. 247, 1666.*

 Walker, Cat. Lep. Het. B. M. xiv, p. 1396, (1858).

 Moore, Proc. Zool. Soc. Lond. 1867, p. 75; 1877, p. 609.

 Lep. Ceyl. iii, p. 163, pl. 168, figs. 2, 2a, 2b, (1885).

 Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.

 Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 465

 and 1886, p. 450.

 Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Ranchi (Irvine), Kulu (Young), Calcutta, Andaman Islands (purchased), Western India (Swinhoe), Nicobar Islands (De Niceville), Manbhum (Beavan), North Khasi Hills, Sikkim (purchased).

Collection Swinhoe, Kasauli, Karachi, Mirzapore, Belgaum, Poona, Bombay, Mhow, Campbellpore, Hydrabad (Sind), Ceylon.

Also recorded from Celebes, Australia.

2625, Achæa mezentia.

Phalana (Noctua) mezentia, Cram., Pap. Exot. iv, pl. 323, fig. F. (1780). Noctua mezenteria (sic), Fabr., Ent. Syst. iii, 2, p. 41, (1794).

ACHEA MEZENTIA-continued.

2626. Achma nubifera.

Achwa nubifera, Moore, Proc. Zool. Soc. Lond. 1877, p. 609, pl. 69, fig. 9. I. M., Andaman Islands (purchased).

2627. ACHEA REVERSA.

Achwa reversa, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).

Moore, Lep. Ceyl. iii, p. 165, pl. 169, figs. 2, 2a, (1885).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

2628. ACILEA SERVA.

Genus Psimada.

2629. PSIMADA QUADRIPENNIS.

Psimada quadripennis, Walker, Cat. Lep. Het., xv, p. 1828, (1858).

Moore, Lep. Ceyl. iii, p. 171, pl. 170, fig. 2, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

Collection Swinhoe, Bombay, Camorta (Nicobars).

Also recorded from Canara and Ceylon.

Genus Serrodes.

2630. SERRODES CAMPANA.

Collection Swinhoe, Sikkim, Raipur (Central India).
Also recorded from Sylhet and Ceylon.

2631. SERRODES INARA.

Phalana inara, Cram., Pap. Exot. iii, pl. 239, fig. E, (1779).

Bendis inara, Hübn., Verz. Bek. Schmett, p. 269, No. 2649, (1816).

Servodes inara, Guén., Noct. iii, 253, 1675*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1403, (1858), and xxxiii, p. 962, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

Collection Swinhoe, Sikkim, Karachi, Poona, Bombay.

Genus Naxia.

2632. NAXIA ABSENTIMACULA.

Collection Swinhoe, Ceylon.

2633. NAXIA CALEFACIENS.

Naxia calefaciens, Walker, Cat. Lep. Het., xiv., p. 1405, (1858).

Moore, Proc. Zool, Soc. Lond. 1867, p. 75.

Lep. Ceyl. iii, p. 168, pl. 168, fig. 3, (1885).

Collection Swinhoe, Ceylon,
Also recorded from Sylhet.

2634. NAXIA CIRCUMSIGNATA.

2635. NAXIA DUPLEXA.

Naxia duplexa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26, pl. 6, fig. 4. Sikkim.

Allied to N. calefaciens.

Genus Delgamma.

2636. Delgamma calorifica.

Genus Caranilla.

2637. CARANULLA ONELIA.

I. M., Sibsagar (Peal), Sikkim (purchased), Buxa (Moti Ram). Collection Swinhoe, Sylhet, Ceylon, Matheran, and Lanaoli. Also recorded from Ceylon and Java and China.

Genus Pasipeda.

2638. Pasipeda Hemorrhoda.

Pasipeda hamorrhoa (sic), Moore, Lep. Ceyl. iii, p. 183, (1885). Calesia hamorrhoa (sic), Moore, Journ. As. Soc. Beng., vol. iv, pt. 2, p. 101, (1886).

I. M., Kulu (Young), Sikkim (purchased), Buxa (Moti Ram). Cachar (Wood-Mason), Tavoy (Moti Ram). Collection Swinhoe, Solun, Bombay. Also recorded from Coylon.

2639. Pasipeda Rufipalpis.

Pasipeda rufipalpis, Walker, Cat. Lep. Het. B. M, xv, p. 1795, (1858).

Ceylon.

Ceylon.

2640. Pasipeda satellitia.

I. M., Bombay (Swinhoe), Bangalore, Ceylon (Swinhoe).
Collection Swinhoe, Khandalla, Belgaum, Poona, Bombay,
Ceylon.

Genus Macaldenia.

2641. MACALDENIA PALUMBA.

 Mulodes palumba, Guén., Noct. iii, p. 211, 1613, (1852)*.

 Walker, Cat. Lep. Het. B. M. xiv, p. 1337, (1858), and xxxiii, p. 952, (1865).

 Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

 Remigia colligens, Walker, loc. cit. xxxiii, p. 1019, (1865).

 Pasipeda palumba, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882).

 Macaldenia palumba, Moore, Lep. Ceyl. iii, p. 162, pl. 168, figs. 1, 1a, 1b, (1885).

 Collection Swinhoe, India and Ceylon.

Also recorded from Sylhet, Cherrapunji, South India, Ceylon, Singapore, Java.

Genus Calesia.

2642. CALESIA DASYPTERA.

2613. CALESIA FLABELLIFERA.

Calesia flabellifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 849. Upper Tenasserim.

2644. CALESIA GASTROPACHOIDES.

Calesia gastropachoides, Guén., Noct. iii, p. 258*.

Moore, Proc. Zool. Soc. Lond. 1867, p. 75; and 1878, p. 849.

Bengal, Upper Tenasserim.

Genus Hypætra.

2645. HYPÆTRA LILACIL.

Hypætra lilacii, Gućn., Noct. iii, 260, 1688*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858).
India.

2646. HYPÆTRA NOCTUOIDES.

Hypatra noctuoides, Guén., Noct. iii, 259, 1686*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1410, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Collection Swinhoe, Moulmein.

Also recorded from Sylhet and Java.

2647. HYPÆTRA PERFICIENS.

Hypatra perficiens, Walker, Cat. Lep. Het. B. M., xiv, p. 1412, (1858). India.

2648. HYPÆTRA STIGMATA.

Hypatra stigmata, Moore, Proc. Zool. Soc. Lond. 1877, p. 610. Andaman Islands.

Genus Anorouthina.

2619. Anereuthina condita.

Hypætra condita, Walker, Cat. Lep. Het. B. M. xiv, p. 1413, (1858). Anereuthina condita, Moore, Lep. Ceyl. iii, p. 173, pl. 170, fig. 5, (1885). Collection Swinhoe, Shillong, Ceylon.

2650. Anereuthina curvifera.

Hypætra curvifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1412, (1858). Anercuthina curvifera, Moore, Lep. Ceyl. iii, p. 174, pl. 170, fig. 4, (1885). Ceylon.

2651. Anereuthina divisa.

Hypætra divisa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 963, (1865). Anereuthina divisa, Moore, Lep. Ceyl. iii, p. 172, (1885). Ceylon.

2652. Anereuthina expectans.

Achae expectans, Walker, Cat. Lep. Het. B. M., xv, p. 1827, (1858). Ancreuthina expectans, Moore, Lep. Ceyl. iii, p. 172, (1885). Ceylon.

2653. Anereuthina frontalis.

Ophiusa frontalis, Walker, Cat. Lep. Het. B. M., xiv, p. 1434, (1858). Ancreuthina frontalis, Moore, Lep. Coyl. iii, p. 173, pl. 179, fig. 3, (1885). India, Ceylon.

2654. Anereuthina includens.

Avatha includens, Walker, Cat. Lep. Het. B. M., xiii, p. 1107, (1857). Hypatra complacens, Walker, loc. cit. xiv, p. 1414, (1858). Anereuthina includens, Moore, Lep. Ceyl. iii, p. 172, pl. 170, fig. 6, (1885). Ceylon, India.

2655. Anereuthina trigonifera.

Hypætra trigonifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858). Ancreuthina trigonifera, Moore, Lep. Ceyl. iii, p. 173, pl. 70, fig. 7, (1885). Ceylon.

Genus Dordura.

2656. DORDURA ALIENA.

Hypetra aliena, Walker, Cat. Lep. Het. B. M., xxxiii, p. 964, (1865). Dordura aliena, Moore, Descr. Ind. Lep. Atk. ii, p. 170, (1882). Calcutta, North India.

2657. DORDURA APICALIS.

Dordura apicalis, Moore, Descr. Ind. Lep. Atk. ii, p. 170, pl. 5, fig. 20, (1882).

Genus Ophiusa.

2658. OPHIUSA ACHATINA. Phalana achatina, Sulz., Ins. pl. 22, fig. 4 (nec Cramer)*. Ophiusa achatina, Moore, Proc. Zool. Soc. Lond. 1867, p. 76 (nec Guén. nec Walker). Butler, Proc. Zool. Soc. Lond. 1883, p. 165. Dugshai, Satara. 2659. OPHIUSA ALBIVITTA. Ophiusa albivitta, Guén., Noct. iii, p. 271, No. 1707, (1852)*. Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858). ____ Moore, Proc. Zool. Soc. Lond. 1867, p. 76. ____ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466; and 1884, p. 521. Butler, Proc. Zool. Soc. Lond. 1886, p. 382. Dysgonia albivitta, Moore, Lep. Ceyl. iii, p. 178, pl. 171, fig. 4, (1885). I. M., Calcutta, Kulu (Young), Buxa (Moti Ram), Ceylon (Mackwood; also Colombo Museum), Bombay (Swinhoe), Nicobar Islands (De Niceville). Collection Swinhoe, Bombay, Campbellpore, Umballa, Karachi, Mahableshwar, Mhow, Neemuch. 2660. OPHIUSA AMYGDALIS. Dysgonia amygdalis, Moore, Lep. Ceyl. iii, p. 551, pl. 214, fig. 3. Ceylon. 2661. OPHIUSA ANALIS. Ophiusa analis, Guén., Noct. iii, 271, 1708*. Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858). Collection Swinhoe, Sikkim. Also recorded from Hongkong and Java. 2662. OPHIUSA ARCTOTÆNIA. Orhiusa arctotania, Guén., Noct. iii, 272, 1711*. Walker, Cat. Lep. Het. B. M., xiv. p. 1431, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 76. Butler, Proc. Zool. Soc. Lond. 1883, p. 165. ____ Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 450. Collection Swinhoe, Karachi, Mhow. Also recorded from Sylhet. 2663. OPHIUSA ARCUATA. Ophiusa arcuata, Moore, Proc. Zool. Soc. Lond. 1877, p. 609. Ophiusa joviana, Guén., Noct. iii, p. 269.* - Walker, Cat. Lep. Het. B. M. xiv, p. 1429, (1858). Dysgonia arcuata, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 3, (1885). Ophiusa arcuata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467. I. M., Andaman Islands (purchased), Buxa (Moti Ram), Ranchi (Irvine). Collection Swinhoe, Bombay, Nilgiri Hills.

Also recorded from Ceylon and Java.

2661. OPHIUSA ACUTA.

Ophiusa acuta, Moore, Proc. Zool, Soc. Lond. 1883, p. 27, pl. 6, fig. 5.

Khasi Hills.

Allied to O. falcata.

2665. Ophiusa conficiens.

Ophiusa conficiens, Walker, Cat. Lep. Het. B. M. xiv, p. 1432, (1858). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466. - Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 5, (1886).

Collection Swinhoe, Solun, Bombay.

2666. Ophiusa crameri.

Dysgonia crameri, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 2, (1885). Ophiusa crameri, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466. Phalana (Noctua) achatina, Cram. (nec Sulzer), Pap. Exot. iii, pl. 288, fig. A, (1780).

Ophiusa achatina, Guén., Noct. iii, p. 272, 1852.* Walker, Cat. Lep. Het. B. M. xiv, p. 1430, (1858).

I. M., Tavoy (Moti Ram), Sikkim (Barnes; also purchased), Buxa (Moti Ram), Kulu (Young), Sibsagar, Bombay, Simla, Ceylon (Colombo Museum), Andaman Islands (De Roenstorff).

Collection Swinhoe, Dugshai, Satara, Poona, Bombay, Khandalla, Sikkim.

2667. OPHIUSA DISCALIS.

Dysgonia discalis, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 8, (1885). Ceylon.

2668. Ophiusa falcata.

Ophiusa falcata, Moore, Descr. Ind. Lep. Atk. ii, p. 171, pl. 6, fig. 14. (1882).

Khasi Hills.

2669. Ophiusa fulvotænia.

Ophiusa fulvotænia, Guén., Noct. iii, p. 272, 1710, (1852).* ---- Walker, Cat. Lep. Het. B. M. xiv, p. 1431, (1858). --- Moore, Frog. Zool. Soc. Lond. 1867, p. 76. Dysgonia fulvotænia, Moore, Lep Ceyl. iii, p. 177, pl. 171, fig. 1, (1885). I. M., Sibsagar (Peal), Perak (purchased). Collection Swinhoe, Sylhet.

Also recorded from Ceylon, Sumatra, Java.

2670. Ophiusa joviana.

Phalana (Noctua) Joviana, Cram., Pap. Exot. iv, pl. 399, fig. B, (1782). Noctua joviana, Fabr., Ent. Syst. iii, 2, p. 42, No. 111, (1794). Noctua sinuata, Fabr , Mant. Ins. ii, p. 145, No. 83, (1787).

OPHIUSA JOVIANA—continued.

Dysgonia jovis, Hübn., Verz. Bek. Schmett, p. 269, No. 2640, (1816).

Ophiusa myops, Guén., Noct. iii, p. 265, (1852).*

Walker, Cat. Lep. Het. B. M. xiv, p. 1428, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Ophiusa joviana, Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Dysgonia joriana, Moore, Lep. Ceyl. iii, p. 175, pl. 170, figs. 9, 9a, (1885).

I. M., Sikkim (purchased), Ceylon (Colombo Museum), Bombay (Swinhoe), Andaman Islands (purchased).

Collection Swinhoe, Bombay, Poona, Solun, Mhow, Nilgiri Hills. Also recorded from Java.

2671. OPHIUSA LUTEIPALPIS.

Ophiusa lutcipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, 968, (1865), Dysgonia lutcipalpis, Moore, Lep. Ceyl. iii, p. 178, (1886). Ceylon.

2672. OPHIUSA OLYMPIA.

Ophiusa olympia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466. Collection Swinhoe, Poona, Bombay, Bhuj.

2673. OPHIUSA PROPERATA.

Ophiusa properata, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858).

Butler, Ill. Typ. Lep. Het. vi, p. 46, pl. 112, fig. 6, (1886).

Sikkim.

2674. OPHIUSA SIMILLIMA.

Ophinsa simillima, Guén., Noct. iii, 266, 1695.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1428, (1358).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Dysgonia simillima, Moore, Lep. Ccyl. iii, p. 178, pl. 170, fig. 8, (1885).

Collection Swinhoe, Sylhet.

Also recorded from Ccylon.

2675. OPHIUSA STUPOSA.

Noctua stuposa, Fabr., Ent. Syst. iii, 2, p. 42, No. 112, (1794).

Phalæna (Noctua) achatina, Cram. (nec. Sulzer), Pap. Exot. iii, pl. 273, fig. E, (1780).

Ophiusa stuposa, Guén., Noct. iii, p. 271, 1706.*

Ophiusa festinata, Walker, loc. cit., p. 1432, 1858).

Dysgonia stuposa, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 7, (1885).

I. M., Sind (Swinhoe).

Collection Swinhoe, Sylhet, Bombay, Karachi, Hydrabad, Raippur (Central India).

Also recorded from Ceylon and China.

Genus Grammodes.

2676. GRAMMODES AMMONIA.

Phalana (Noctua) ammonia, Cram., Pap. Exot. iii, pl. 250, fig. D, (1779). Grammodes ammonia, Guén., Noct. iii, p. 278, 1720. Walker, Cat. Lep. Het. B. M., xiv, p. 1443, (1858). Moore, Proc. Zool. Soc. Lond. 1867, p. 76. Lep. Ceyl. iii, p. 179, (1885). Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, and 1885, p. 467. I. M., Sikkim (purchased), Kulu (Young), Calcutta, Ranchi (Irvine). Collection Swinhoe, Umballa, Bombay, Karachi, Nilgiri Hills, Sikkim, Raipur, (Central India). Also recorded from Sylhet, Nepal, Ceylon, South Africa.

2677. GRAMMODES EXCAVATA.

Grammodes excavata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 973, (1865), South India.

2678. GRAMMODES MYGDON.

Phalana (Noctua) mygdon, Cram., Pap. Exot. ii, pl. 156, fig. G, (1777). Chalciope mygdonias, Hübn., Verz. Bek. Schmett, p. 268, No. 2636, (1816). Grammodes mygdon, Guén., Noct. iii, p. 278, 1721. *

Walker, Cat. Lep. Het. B. M., xiv, p. 1444, (1858). Moore, Proc. Zool. Soc. Lond. 1867, p. 76. Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467. Chalciope mygdon, Moore, Lep. Ceyl. iii, p. 180, (1885). - Journ. As. Soc. Beng., vol. lv, pt. 2, p. 101, (1886). I. M., False Point (Baxter), Calcutta, Sibsagar, Sikkim, Tayov

(Moti Ram), Bombay (Swinhoe), Andaman Islands (purchased), Nicobar Islands (De Nicoville). Collection Swinhoe, Nilgiri Hills, Bombay, Khandalla, Ceylon.

Also recorded from Java and Borneo.

2679. Grammodes stolida.

Noctua stolida, Fabr., Sp. Ins. ii, p. 218, No. 54, (1781). Mant. Ins. ii, p. 145, No. 81, (1787).
Ent. Syst. iii, 2, p. 41, No. 109, (1794). God., Lep. Fr. v, 117, pl. 53, fig. 5.* Phalana stolida, Gmel., Ed. Syst. Nat. i, 5, 2552, 1094.* Noctua cingularis, Hübn., Noct., pl. 76, fig. 352, and pl. 109, fig. 512.*

Ophiusa stolida, Treit., Schmett v. 312, 13.*

Meig., Syst. Besch. iii, 208, 10, pl. 113, fig. 9.* Grammodes stolida, Guén., Noct. iii, p. 276, 1717.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1441, (1858). - Moore, Proc. Zool. Soc. Lond, 1867, p. 76. - Butler, Ann. Mag. N. H. (5), v. p. 225, (1880). - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467. Trans. Ent. Soc. Lond. 1885, p. 352. Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Karachi (Swinhoe; also Murray), Kulu (Young). Collection (Swinhoe), Umballa, Karachi, Bolan, Bombay, Campbellpore.

Also recorded from Europe and South Africa.

Genus Fodina.

2650. FODINA NOTATA.

Noctua notata, Fabr., Ent. Syst. iii, 2, p. 39, No. 103, (1794).

Grammodes notata, Walker, Cat. Lep. Het. B. M., xiv, p. 1445, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Grammodes mundicolor, Walker, loc cit. xxxiii, p. 973, (1865).

Fodina mundicolor, Moore, Lep. Ceyl. iii, p. 181, (1885).

Collection Swinhoe, Umballa, Nilgiri Hills.

Also recorded from Ceylon and Nepal.

2681. FODINA ORIOLUS.

Fodina oriolus, Guén., Noct. iii, 174, 1713.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1438, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sylhet.

2682. FODINA PALLULA.

Fodina pallula, Guén., Noct. iii, p. 275, 1714, (1852).*

Walker, Cat. Lep. Het. B. M. xiv. p. 1439, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Lep. Ceyl. iii, p. 181, (1885).

I. M., Goalpara.

Also recorded from Sylhet, Ceylon.

2683. Fodina stola.

Eodina stola, Guén., Noct. iii, p. 275, 1715, (1852).*

Walker, Cat. Lep. Het. B. M. xiv, p. 1439, (1858).

Moore, Proc. Zool, Soc. Lond. 1878, p. 849.

Lep. Ceyl. iii, p. 181, (1885).

I. M., Sikkim (purchased).

Collection Swinhoe, Buxar.
Also recorded from Upper Tenasserin and Ceylon.

Genus Artona.

2681. ARTENA SUBMIRA.

Arteno submira, Walker, Cat. Lep. Het. B. M., xiv, p. 1389, (1858).

Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Collection Swinhoe, Sylhet.

Also recorded from Haner Tenassarin

Also recorded from Upper Tenasserim.

FAMILY EUCLIDIDÆ.

Genus Trigonodes.

2685. TRIGONODES CEPHISE.

Phalæna cephise, Cram., Pap. Exot. iii, pl. 227, fig. C, (1779).

Chalciope cephise, Hübn., Verz. Bek. Schmett 268, 2633.

Trigonodes cephise, Guén., Noct. iii, 282, 1721.

Walker, Cat. Lep. Het. B. M., xiv, p. 1450, (1858).

North India.

2686. Trigonodes disjuncta.

Chalciope disjuncta, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882). Trigonodes disjuncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Collection Swinhoe, Bombay, Nilgiri Hills.

Also recorded from Parisnath.

Allied to C. cephise.

2687. TRIGONODES HYPPASIA.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467, and 1886, p. 451.

I. M., Cachar (Wood-Mason), Calcutta, Karachi (Murray; also

Swinhoe), Sikkim (purchased), Delhi, Kulu (Young). Collection Swinhoe, Aden, Sikkim, Karachi, Mhow, Bombay, Satara, Poona, Matheran.

Also recorded from Nepal, Ceylon, and China.

2658. TRIGONODES MAXIMA.

Genus Euclidia.

2689. Euclidia Tarsalis.

Euclidia (?) tarsalis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 986, (1865).

Moore, Lep. Ceyl. iii, p. 187, (1885).

Ceylon.

Genus Acantholipes.

2690. Acantholipes acervalis,

Acantholipes acervalis, Swinhoe, Proc. Zool. Soc. Lond 1886, p. 451. Collection Swinhoe, Mhow.

2691. Acantholipes affinis.

M., Poona, and Karachi (Swinhoe).
 Collection Swinhoe, Karachi, Mhow, Assirgarh, Poona, Bombay.
 Closely allied to A. (Docela) retustatis, Walker, from the Congo.

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2692. ACANTHOLIPES FLAVISIGNA.

Acantholipes flavisigna, Moore, Proc. Zool. Sec. Lond. 1881, p. 371. Bombay.

Allied to A. relustalis.

2693. Acantholipes hypenöides.

Acantholipes hypenöides, Moore, Proc. Zocl. Soc. Lond. 1881, p. 372.

Descr. Ind. Lep. Atk. ii, p. 140, (1882).

Sikkim.

2694. ACANTHOLIPES NIGRISIGNA.

Acantholipes nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 372. Bombay.

2695. Acantholipes pulchra.

Acantholipes pulchra, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451. Collection Swinhoe, Mhow. Allied to A. purpurina of Europe.

2696. ACANTHOLIPES TRIFASCIATA.

Acantholipes trifusciata, Moore, Lep. Ceyl. iii, p. 187, pl. 172, fig. 2, (1885). Collection Swinhoe, Mahableshwar, Poona, Bombay. Also recorded from Ceylon.

FAMILY REMIGIDÆ.

Genus Cauninds.

2697. CAUNINDA ARCHESTA.

Remigia bifusciata, Walker, loc. cit., xxxiii, p. 1014, (1865). Cauninda archesia, Moore, Lep. Ceyl. iii, p. 191, pl. 172, figs. 3, 3a, (1885).

 M., Cachar (Wood-Mason) Sikkim (purchased), Mergui (Anderson), Ceylon (Colombo Museum), Buxa (Moti Ram), Calcutta, Sylhet, Ratnagiri (Hatch), Andaman Islands (purchased), Shillong, Cherrapur ji, Tavoy. (Moti Ram), Ranchi (Irvine).

Collection Swinhoe, Kasauli, Simla, Bombay, Mhow, Belgarm, Poona, Karachi, Sikkim.

Also recorded from South Africa, Java, and China.

2698. Remigia arefacta.

Remigia arefacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, pl. 48, fig. 2.

Collection Swinhoe, Karachi, Jurruk (Sind).

2699. Remigia (?) Caliginosa.

Remigia (?) caliginosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865). North India.

2700. Remigia congregata.

Remigia congregata, Walker, Cat. Lep. Het. B. M., xv, p. 1847, (1858). Africa, Ceylon, India.

2701. Remigia discios.

Ophiodes discios, Koll., Hug. Kasch. iv, p. 477, (1848). -- Walker, Cat. Lep. Het. B. M., xiv, p. 1360, (1858). Collection Swinhoe, Solun, Mandi.

2702. Remigia frugalis.

[Noctua frugalis, Fabr., Ent. Syst. iii, 2, p. 138, (1794).] ? Chalciope Tycopodia, Geger-Hübn., Zutr. Exot. Schmett 25, 449, figs. 897. 898, (1837).* Remigia frugalis, Guén., Noct. iii, p. 314, 1773, (1852).* ----- Walker, Cat. Lep. Het. B. M., xiv, p. 1507, (1858). - Moore, Proc. Zool, Soc. Lond. 1867, p. 77. —— Butler, Ann. Mag. N. H. (5), v, p. 225, (1880). —— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 416. Moore, Lep. Ceyl. iii, p. 190, pl. 172, figs. 4, 4a, (1885).- Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 521. Remigia translata, Walker, loc. cit., xxxiii, p. 1015, (1865).

(Murray), Cachar (Wood-Mason), Sikkim, I. M., Karachi Megui (Anderson), Kulu (Young), Sibsagar, Ranchi (Irvine). Andaman Islands (De Roepstorff).

Collection Swinhoe, Solun, Nilgiri Hills, Karachi, Mirzapore, Ceylon.

Also recorded from Africa, Java, and Borneo.

2703. Remigia gregalis.

Romigir gregalis, Guén., Noct. iii, p. 320.* - Moore, Proc. Zool. Soc. Lond. 1877, p. 611. South Andaman Islands.

2704. Remigia pavona.

Drasteria pavona, Felder & R. Reise, Novara Lep., pl. 117, fig. 9, (1864-75).

I. M., Shillong, North Khasi Hills. Collection Swinhoe, Khasi Hills. Also recorded from Sikkim.

Allied to O. discios.

2705. REMIGIA QUÆSITA.

Remigia quæsita, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468, pl. 27, fig. 8.

I. M. (?), Buxa (Moti Ram). Collection Swinhoe, Bombay.

Genus Felinia.

2706. FELINIA SPISSA.

Felinia spissa, Guén., Noct. iii, p. 322.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1514, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

GROUP PSEUDO-DELTOIDES.

FAMILY FOCILLIDÆ.

Genus Hingula.

2707. HINGULA ALBOLUNATA.

Hingula albolunata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, (1882). Nilgiri Hills, Cherrapunji.

2708. HINGULA CERVINA.

Hingula cervina, Moore, Deser. Ind. Lep. Atk. ii, p. 181, (1882). Manpuri, Calcutta.

2709. HINGULA FIGURATA.

Hingula figurata, Moore, Lep. Ceyl. iii, p. 199, pl. 174, fig. 19, &, (1885). I. M., Karachi, Nilgiri Hills (Swinhoe). Collection Swinhoe, Karachi, Nilgiri Hills. Also recorded from Ceylon.

2710. HINGULA TRANSVITTA.

Hingula transvitta, Moore, Lep. Ceyl. iii, p. 551, pl. 215, fig. 1, (1887). Ceylon.

2711. HINGULA UNICOLORIS.

Hingula unicoloris, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452. Collection Swinhoe, Mhow.

Genus Zethes.

2712. ZETHES AMYNOIDES.

Zethes amynoides, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig. 2, (1882).

Calcutta.

2713. ZETHES CRISTIFERA.

Ephyrodes cristifera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1671, (1865). Catada epops, Felder & R. Reise, Novara Lep., pl. 120, fig. 4Σ, ♀ (1873). Zethes cristifera, Moore, Lep. Ceyl. iii, p. 193, (1885).

Collection Swinhoe, Ceylon, Andaman Islands. Also recorded from Mussoorie.

2714. ZETHES DECOLOR.

Focilla (P) decolor, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1029, (1865). Zethes decolor, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 8, (1885). Ceylon.

2715. ZETHES HÆSITANS.

Zethes hasituns, Walker, Cat. Lep. Het. B. M., xv, p. 1524, (1858). India.

2716. ZETHES LINEIFERA.

Ephyrodes lineifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1070, (1865), Zethes sondaicus, Snellen, Tijd Voor. Ent. Neder. Ind. 1877, p. 38, pl. 2, fig. 17. 3.

Zethes lineifera, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 5, (1885).

Collection Swinhoe, Ceylon.

2717. ZETHES PERTURBANS.

Zethes perturbans, Walker, Cat. Lep. Het. B. M., xv, p. 1525, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Sylhet.

2718. ZETHES RENALIS.

Zethes renalis, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 12, (1885). Ceylon.

2719. ZETHES SOLUTA.

Thermesia soluta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1863). Zethes soluta, Moore, Lep. Ceyl. iii, p. 193, (1885). Ceylon.

2720. ZETHES USURPATALIS.

Egnasia usurpatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, \$\,\circ\$, (1858). Zethes usurpatalis, Moore, Lep. Ceyl. iii, p. 193, pl. 172, fig. 11, (1885). Ceylon.

2721. ZETHES XYLOCHROMA.

Zethes xylochroma, Walker, Cat. Lep. Het. B. M., xv. p. 1525, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Sylhet.

Genus Thyridospila.

2722. THYRIDOSPILA FASCIATA.

Thyridospila fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig. 20, (1882).

Sikkim.

2723. THYRIDOSPILA SPHÆRIPHORA.

Thyridospila sphæriphora, Moore, Proc. Zool. Soc. Lond. 1867, p. 79. Bengal.

Genus Saraca.

2724. SARACA PANNOSA.

Saraca pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882). Cherrapunji, Sikkim. Allied to S. trimantesalis.

2725. SARACA TRIMANTESALIS.

Genus Harmatelia.

2726. HARMATELIA BASALIS.

Harmatelia basalis, Moore, Deser. Ind. Lep. Atk. ii, p. 183, pl. 6, fig. 13, (1882).

Cherrapunji, Sikkim.

2727. HARMATELIA BIPARTITA.

Harmatelia bipartita, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882). Khasia Hills, Cherrapunji.

Genus Rhæsena.

2728. RHÆSENA OBLIQUIFASCIATA.

Rhasena obliquifusciata, Moore, Deser. Ind. Lep. Atk. ii, p. 183, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Collection Swinhoe, Bombay, Rangoon.
Also recorded from Calcutta, Poona.

Also recorded from Calcutta, Poona.

2729. Cultripalpa indistincta.

Cultripalpa indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 183, (1882). Calcutta.

Gems Cultripalpa.

2780. CULTRIPALPA PARTITA.

Cultripalpa partita, Guén., Noct. iii, 332, 1797, (1852).

Walker, Cat. Lep. Het. B. M., xv, p. 1528, (1858).
India.

2731. CULTRIPALPA TRIFASCIATA.

Cultripalpa trifasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 184, pl. 6, fig. 1, (1882).

Cherrapunji.

Genus Egnasia.

2732. Egnasia binorbiculata.

Egnasia binorbiculata, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 6, (1885).

1. M., Buxa (Moti Ram), Sibsagar (Peal).

Also recorded from Ceylon.

2733. EGNASIA CASTANEA.

Egnasia castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1-82). Khasi Hills, Sikkim.

2734. Egnasia cingalensis.

Egnasia cingalensis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1178, (1865).

Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 10, (1885).

Ceylon,

2735. EGNASIA COSTIPANNOSA.

Egnasia costipannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882). Collection Swinhoe, Mandi. Also recorded from Sikkim.

2736. EGNASIA EPHYRODALIS.

Egnasia ephyrodalis, Walker, Cat. Lep. Het. B. M., xvi, p. 217, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

Collection Swinhoe, Ceylon.

Also recorded from Sylhet.

2737. Egnasia khasiana.

Egnasia khasiana, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882). Khasi Hills. Allied to *E. ephyrodalis*.

2738. EGNASIA LUDIANA.

Gracilodes Iudiana, Felder & R. Reise, Novara Lep., pl. 120, fig. 25, (1873).

Sylhet.

2739 EGNASIA MOROSA.

Egnasia morosa, Moore, Descr. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 4, (1882).

Sikkim.

Allied to E. castanea.

2740. EGNASIA OCELLATA.

Egnasia ocellata, Moore, Lep. Ceyl. iii, p. 195, pl. 174, fig. 4, (1885). Ceylon.

2741. EGNASIA REDUPLICALIS.

Egnasia (?) reduplicalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1179, (1865).

India.

2742. EGNASIA SCOPIGERA.

Egnasia scopigera, Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 9 3, (1885). Ceylon.

2743. EGNASIA TALUSALIS.

Egnasia talusulis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, (1858). India.

2744. EGNASIA VAGA.

Thermesia vaga, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865). Egnasia vaga, Moore, Proc. Zool. Soc. Lond. 1867, p. 80. Sylhet.

Genus Matella.

2745. MATELLA ACCINGALIS.

Egnasia accingalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, Q, (1858). Matella accingalis, Moore, Lep. Ceyl. iii, p. 196, pl. 172, fig. 7, &, (1885). Ceylon.

2746. MATELLA CADUCA.

Matella caduca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470, pl. 28, fig. 9, 2.

I. M., North Canara (Swinhoe).

Collection Swinhoe, Poona, North Canara, Khandalla, Nilgiri Hills.

Allied to M. participalis.

2747. MATELLA PARTICIPALIS.

Egnasia participalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, (1858). Matella participalis, Moore, Lep. Ceyl. iii, p. 196, (1885). Ceylon.

2748. MATELLA SINUOSA.

Egnasia sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882). Calcutta, Moulmein. Allied to E. accingalis.

Genus Moscha.

2749. Moscha posticalis.

Moscha posticalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1200, (1865). India.

Genus Daxata.

2750. DAXATA BIJUNGENS.

Davata bijungens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1109, (1865). Moore, Lep. Ceyl. iii, p. 198, pl. 174, iig. 9, (1885). Collection Swinhoe, North Canara. Also recorded from Ceylon.

2751. DAXATA TANTILLA.

Daxata tantilla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470. Collection Swinhoe, Bombay.

Genus Acharya.

2752. Acharya costalis.

Acharya costalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 28, pl. 6, fig. 10. Andaman Islands.

2753. ACHARYA CRASSICORNIS.

Acharya crassicornis, Moore, Descr. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 3, (1882).

Sylhet.

Genus Nagadeba.

2754. NAGADEBA INDECORALIS.

Genus Diomoa.

2755. DIOMEA ROTUNDATA.

Diomea rotundata, Walker, Cat. Lep. Het. B. M., xiii, p. 1110, (1857).

Moore, Lep. Ceyl. iii, p. 199, (1885).

Ceylon.

FAMILY AMPHIGONIDÆ.

Genus Lacora.

2756, LACERA ALOPE.

 Phalæna (Noctua) alope, Cram., Pap. Exot. iii, p. 286, figs. E. & F. (1780).

 Lacera capella, Guén., Noct. iii, p. 337, pl. 24, fig. 13, (1852).*

 — Walker, Cat. Lep. Het. B. M., xv, p. 1537, (1858).

 Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

 Lacera alope, Moore, Lep. Ceyl. iii, p. 214, pl. 173, figs. 1, 1a, (1885).

 I. M., Solon (Swinhoe), Kulu (purchased), Andaman Islands (purchased).

 Collection Swinhoe, Poona, Bombay, Ceylon, Nilgiri Hills.

Genus Amphigonia.

2757. AMPHIGONIA COMPRIMENS.

I. M., Andaman Islands (purchased). Also recorded from Sylhet.

2758. Amphigonia hepatizans.

Amphigonia hepatizans, Guén., Noct. iii, p. 338, pl. 24, fig. 12, (1852).*

Walker, Cat. Lep. Het. B. M., xv, p. 1541, (1858).

Swinhoe. Proc. Zool. Soc. Lend. 1885, p. 469.

Moore, Lep. Ceyl. iii, p. 215, pl. 173, fig. 4, (1885).

I. M., Andaman Islands (purchased). Collection Swinhoe, Bombay, Audaman Islands. Also recorded from Ceylon.

FAMILY THERMESIIDÆ.

Genus Platyja.

2759. Platyja lobifera.

Platyja lobifera, Moore, Journ. Asiatic Soc. Bengal, pt. ii, p. 101, (1886). I. M., Moore's Type from Tavoy (Moti Ram).

2760. PLATYJA UMMINIA.

Phalana (Noctua) umminia, Cram., Pap. Exot. iii, pl. 267, fig. F, (1780). Platyja umminea, (sic), llübn., Verz. Bek. Schmett, p. 268, (1816). Platyja umminia, Moore, Lep. Ceyl. iii, p. 201, pl. 173, figs. 6, 6a, (1885). Ophisma umminia, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858). Sympis subunita, Guén., Noct. iii, p. 344, (1852).*

Walker, loc. cit. xv., p. 1549, No. 2, (1858).

PLATYJA UMMINIA—continued.

Cotuza drepanoides, Walker, loc. cit. xv, p. 1552, (1858). Ginæa removens, Walker, loc. cit., p. 1638, (1858).
Ophisma trajecta, Walker, Char. Undeser. Lep. Het., p. 108, (1869).
Hulodes falcata, Felder & R. Reisc, Novara Lep., pl. 115, fig. 8, &, (1873). Collection Swinhoe, North India.

Also recorded from Ceylon, Celebes.

Genus Sympis.

2761. Sympis rufibasis.

- Lep. Ceyl. iii, p. 202, pl. 173, figs. 5, 5a, (1885). I. M., Sikkim (purchased). Collection Swinhoe, Sylhet, Ceylon. Also recorded from Java and Sumatra.

2762. SYMPIS TURBIDA.

Sympis turbida, Moore, Proc. Zool. Sec. Lond. 1877, p. 611. Andaman Islands.

Genus Sanys.

2763. SANYS ANGULINA.

Sanys angulina, Guén., Noct. iii, 350, 1823,* (1852). Walker, Cat. Lep. Het. B. M., xv, p. 1558, (1858). India.

2764. SANYS FLEXUS.

Sanys flexus, Moore, Descr. Ind. Lep. Atk. ii, p. 175, (1882). Cherrapunji.

2765. SANYS PULVERATA.

Sanys pulverata, Guén., Noct. iii, 351, 1822, (1852).* --- Walker, Cat. Lep. Het. B. M., xv, p. 1558, (1858). India.

2766. SANYS RIVULOSA.

Thermesia rivulosa, Walker, Cat. Lep. Het. xxxiii, p. 1060, (1865). Sanys rivulosa, Moore, Lep. Ceyl. iii, p. 205, pl. 174, fig. 5, (1885). India, Ceylon.

Genus Thermesia.

2767. THERMESIA ARENACEA.

Thermesia arenacea, Walker, Cat. Lep. Het. B. M. xxxiii, 1056, (1865). — Moore, Proc. Zool. Soc. Lond. 1867, p. 77. Sylhet.

2768. THERMESIA CONSOCIA.

Thermesia consocia, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

2769. THERMESIA CREBERRIMA.

Thermesia creberrima, Walker, Cat. Lep. Het., B. M., xv, p. 1574, (1858).

Moore, Proc. Zool. Soc. Loud. 1867, p. 77.

Butler, Ill. Typ. Lep. Het. B. M., vi, p. 47, pl. 112, fig. 8, (1886).

Sylhet.

2770. THERMESIA DESPECTA.

Thermesia despecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1058, (1865). India.

2771. THERMESIA OBLITA.

Thermcsia oblita, Moore, Descr. Ind. Lep. Atk. ii, p. 176, (1882). Parisnath.

2772. Thermesia (?) retrahens.

Thermesia retrahens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865).

2773. THERMESIA SIMPLEX.

Thermesia simplex, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865). India.

2774. THERMESIA SUBCOSTALIS.

Thermesia subcostalis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1059, (1865). India.

Genus Soneratia.

2775. SENERATIA PRÆCIPUA.

M., Andaman Islands (purchased).
 Also recorded from Sylhet and Ceylon.

Genus Dunira.

2776. DUNIRA NISALIS.

Hypena nisalis, Walker, Cat. Lep. Het. B. M., xix, p. 845, (1859). (?) Hypena rubripunctalis, Walker, loc. cit. xvi, p. 233, (1858). Dunira nisalis, Moore, Lep. Ceyl. iii, p. 207, (1885). Ceylon.

2777. DUNIRA SCITULA.

Thermesia scitula, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865). Dunira scitula, Moore, Lep. Ceyl. iii, p. 207, pl. 174, fig. 13, (1885). Ceylon.

Genus Capnodes.

2778. CAPNODES MACULICOSTA.

Capnodes maculicosta, Walker, Cat. Lep. Het. B. M., xv, p. 1608, (1858).

Moore, Lep. Ceyl. iii, p. 211, (1885).

Thermesia finipalpis, Walker, loc. cit. xv, p. 1574, Q, (1858).

Ceylon.

2779. CAPNODES MINOR.

Capuòdes minor, Moore, Lep. Ceyl. iii, p. 212, pl. 174, fig. 11, (1885). Ceylon.

2780. CAPNODES PALLENS.

Capuodes pallens, Moore, Descr. Ind. Lep. Atk. ii, p. 176, pl. 5, 6g. 21, (1882).

2781. Capnodes rufescens.

Capnodes rufescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 612. Andaman Islands.

2782. CAPNODES STELLATA.

Capnodes stellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 28. Singapore.

2783. CAPNODES TETRASPILA.

2784. CAPNODES TRIFASCIATA.

Capnodes trifasciata, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.

Lep. Ceyl. iii, p. 211, pl. 174, fig. 12, (1885).

Andaman Islands, Ceylon.

Genus Durdara.

2785. DURDARA FENESTRATA.

Durdara fenestrata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 6.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

I. M., Bombay (Swinlioe).

Collection Swinhoe, Bombay.

2786. DURDARA LINEOLA.

Striglina lineola, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 284, (1877). Bengal.

2787. DURDARA LOBATA.

Durdara lobata, Moore, Descr. Ind. Lep. Atk. ii, p. 177, pl. 5, fig. 16, (1882).

I. M., Andaman Islands (purchased). Collection Swinhoe, Khasi Hills.

2788. DURDARA MYRTEA.

Phalana (Noctua) myrtaa, Drury, Ins. Exot. ii, 4, pl. 2, fig. 3, (1773). Noctua myrtaa, Westw., Ed. Drury, ii, 3, pl. 2, fig. 3, (1837-42). Striglina myrtaa, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 285, (1877). Thermesia (?) myrtaa, Walker, Cat. Lep. Het. B. M., xv, p. 1575, (1858). Durdara myrtaa, Moore, Descr. Ind. Lep. Atk. ii, p. 177, (1882).

I. M. Andaman Islands (purchased). Collection Swinhoe, Andaman Islands. Also recorded from Sikkim.

2789. DURDARA PYRALIATA.

Durdara pyraliata, Moore, Deser. Ind. Lep. Atk. ii, p. 177, (1882). Calcutta.

2790. DURDARA ZONULA.

Durdara zonula, Swinhoe, Proc. Zool. Sec. Lond. 1885, p. 469, pl. 28, fig. 12.

Collection Swinhoe, Bombay.

Genus Raparna.

2791. RAPARNA OCHREIPENNIS.

Raparna ochreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 8, (1882).

Parisnath Hill.

2792. RAPARNA TRANSVERSA.

Raparna transversa, Moore, Deser. Ind. Lep. Atk. ii, p. 178, (1882). North-West Himalayas and Parisnath Hill.

2793. RAPARNA UNDULATA.

Raparna undulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, (1882). Dharmsala, Calcutta.

Genus Selenis.

2794. SELENIS LONGIPALPIS.

Selenis longipalpis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1068, (1865). India.

2795. SELENIS OBSCURA.

Selenis obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 10, (1882).

Sikkim.

2796. SELENIS RETICULATA.

Selenis reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 9, (1882).

Sikkim.

2797. SELENIS TRANSLINEATA.

Sclenis translineata, Walker, Char. Undescr. Lep. Het., p. 93, (1869). Benares.

Genus Mestleta.

2798. MESTLETA ABRUPTA.

Mestleta abrupta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 830, (1865).

Swinhoe, Proc Zool, Soc. Lond. 1885, p. 469.

Moore, Lep. Ceyl. iii, p. 208, pl. 174, figs. 2, 2a, (1885).

Selenis abrupta, Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Collection Swinhoe, Bombay, Poona.

Also recorded from Ceylon.

2799. MESTLETA ACONTIOUDES.

Mestleta acontioides, Moore, Descr. Ind. Lep. Atk. ii, p. 179, pl. 5, fig. 15, (1882).

Calcutta.

2800. MESTLETA ANGULIFERA.

Mestlota angulifera, Moore, Deser. Ind. Lep. Atk. ii, p. 179, (1882).'

Lep. Ceyl. iii, p. 208, pl. 175, [figs. 2, 2a, (1885).

Calcutta, Ceylon.

2801. MESTLETA BACCALLE.

Mestleta baccaliæ, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452, pl. 40, fig. 7.

I. M., Ceylon (Colombo Museum). Collection Swinhoe, Mhow, Karachi, Mahableshwar.

2802. MESTLETA CEYLONICA.

Thermesia ceylonica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865). Mestleta ceylonica, Moqre, Lep. Ceyl. iii, p. 210, (1885). Ceylon.

2803. MESTLETA DIVISA.

Selenis divisa, Walker, Trans. Ent. Soc. Lond. (3), i, p. 107, (1862-64). - Cat. Lep. Het. B. M., xxxiii, p. 1066, (1865).

Selenis semilux, Walker, loc. cit. xxxiii, p. 1069, (1865). -- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

Mestleta divisa, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 7, (1885).

I. M., a specimen with no history.

Collection Swinhoe, Bombay, Karachi.

Also recorded from Ceylon.

2804. MESTLETA DUPLEXA.

Mestleta duplexa, Moore, Proc. Zool. Soc. Lond. 1877, p. 611, pl. 60, fig. 5. South Andaman Islands.

2805. MESTLETA INTERRUPTA.

Mestleta interrupta, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 7, (1885). Ceylon.

2806. MESTLETA IRRECTA.

Selenis irrecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1066, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Selenis niviapex, Walker, loc. cit. xxxiii, p. 1069, (1865). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.

Mestleta irrecta, Moore, Lep. Ceyl. iii, p. 209, pl. 174, figs. 1, 1a, (1885).

I. M., Andaman Islands (purchased), Sikkim, Bombay, and Poona (Swinhoe).

Collection Swinhoe, Bombay, Poona, Khandalla.

Also recorded from Cevlon.

2807. MESTLETA LUNIFERA.

Mestleta lunifera, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 3, (1885). Ceylon.

2808. MESTLETA MULTIGUTTATA.

S-lenis multiguttata, Walker, MS. Coll. B. M. Mestleta multiguttata, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 8, (1885). Cevlon.

Genus Sonagara.

2809. SONAGARA BIVITTATA.

Sonagara bivittata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 7.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Sikkim, Camorta.

Allied to S. decussata.

2810. Sonagara decussata.

Scnagara decussata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 8.

I. M., Sibsagar (Peal).

Collection Swinhoe, Sikkim.

2811. SONAGARA RETICULATA.

Thermesia (?) reticulata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1062. (1865).

- Moore, Proc. Zool. Soc. Lond. 1867, p. 77; and 1877, p. 611.

Sonagara reticulata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468. Drepanodes (?) scitaria, Walker, De. cit., xxvi, p. 1488, (1862).

Anisodes (?) pyriniata, Walker, loc. cit. xxvi, p. 1582, (1862). Homodes thermesioides, Suellen, Tijd. Voor. Ent., vol. xx, p. 28, pl. 2, fig. 15, (1877).

Sonagara scitaria, Moore, Lep. Ceyl. iii, p. 206, pl. 175, figs. 1, 1a, (1885).

Collection Swinhoe, Bombay, Rangoon.

Also recorded from Sikkim, South India, Andaman Islands. and Ceylon.

2812. Sonagara strigipennis.

Sonogara strigipennis, Moore, Descr. Ind. Lep. Atk, ii. p. 180, (1882). Sikkim.

2813. Sonagara strigosa.

Sonagara strigosa, Moore, Deser. Ind. Lep. Atk. ii, p. 180, pl. 5, fig. 17. (1882).

Calcutta.

Allied to S. reticulata.

2814. SONAGARA VIALIS.

Sonagara vialis, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 9. Himalayas.

Allied to S. striginennis.

Genus Azazia.

2815. Azazia bubricans.

Ophiusa rubricans, Boisd., Fann. Lep. Mad., p. 106, pl. 16, fig. 1, (1834).* Thermesia rubricans, Guén., Noct. iii, p. 356, 1827, (1852).* Azazia rubricans, Walker, Cat. Lep. Het. B. M., xv. p. 1576, (1858). - Moore, Proc. Zool. Soc. Lond. 1867, p. 78; and 1877, p. 611.

-— Butler, Ann. Mag. N. H. (5), 5, p. 225, (1880). - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522; and 1885, p. 468.

· Moore, Lep. Ceyl. iii, p. 201, pl. 173, figs. 3, 3a, (1885). Thermesia transducta, Walker, loc. cit. xxxiii, p. 1058, (1865). Thermesia consucta, Walker, Char. Undescr. Lep. Het., p. 93, (1869).

I. M., Poona (Swinhoe), Sind (Murray and Swinhoe).

Collection Swinhoe, Sikkim, Solun, Karachi, Bombay, Poona, and Khendalla.

Also recorded from South Africa, Ceylon, Andaman Islands, Navigators Islands, and all parts of India.

Genus Marmorinia.

2816. MARMORINIA SHIVULA.

Marmorinia shivula, Guén., Noct. iii, 372, 1856, (1852).*

Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Walker, Cat. Lep. Het. B. M., xv, p. 1598, (1858).

Sylhet.

2817. MARMORINIA SINGHA.

Marmorinia singha, Guén., Noct. iii, 372, 1855, (1852).*

Walker, Cat. Lep. Het. B. M., xv, p. 1578, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus Mecodina.

2818. MECODINA LANCEOLA.

Mecodina lanceola, Guén., Noct. iii, 373, 1857, (1852).*

Walker, Cat. Lep. Het. B. M., xv. p. 1599, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus Singara.

2819. SINGARA DIVERSALIS.

Singara dirersalis, Walker, Cat. Lep. Het. B. M., xxxiii, 1113, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus Fascellina.

2820. FASCELLINA CASTANEA.

Fascellina castanea, Moore, Proc. Zool. Soc. Lond. 1877, p. 612. South Andaman Islands.
Allied to F. chromataria.

2521. FASCELLINA CHROMATARIA.

Fascellina chromataria, Walker, Cat. Lep. Het. B. M., xx, p. 215, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

 I. M., Andaman Islands (purchased), Sibsagar (Peal), Sikkim (Barnes; also purchased).
 Collection Swinhoe, Sylhet.

2822. FASCELLINA VIRIDIS.

Fascellina viridis, Moore, Proc. Zool. Soc. Lond. 1867, p. 79, pl. 7, fig. 4.. I. M., Sibsagar (Feal).

Collection Swinhoe, Solun, Sylhet.

Genus Pleurona.

2823. PLEURONA FALCATA.

Pleurona falcata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1564, (1866).

Moore, Proc. Zool. Soc. Lond. 1877, p. 612, pl. 60, fig. 6.

Andaman Islands.

Genus Gesonia.

2824. GESONIA FLAVIFRONS.

Gesonia flavifrons, Moore, Lep. Ceyl, iii, p. 552, pl. 214, fig. 8, (1887). Ceylon.

2825. GESONIA GEMMA.

Gesonia gemma, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469. I. M., Poona (Swinhoe). Collection Swinhoe, Poona.

2826. GESONIA OBEDITALIS.

Gesonia obeditalis, Walker, Cat. Lep. Het. B. M., xvi, p. 75, (1858).

Moore, Lep. Ceyl. iii, p. 213, (1886).

Ceylon.

2827. GESONIA SCITULA.

Thermesia (?) scitula, Walker, Cat. Lep. Het. B. M., xxxv, p. 1973, Q, (1866).

Gesonia scitula, Moore, Lep. Ceyl. iii, p. 213, pl. 174, fig. 6, (1885).

South India, Ceylon.

2828. GESONIA SECUNDALIS.

Gesonia secundalis, Walker, Cat. Lep. Het. B. M., xvi, p. 235, (1858).

Moore, Lep. Ceyl. iii, p. 212, (1885).

Ceylon.

Genus Macna.

2829. MACNA POMALIS.

Macna pomalis, Walker, Cat. Lep. Het. B. M., xvi, p. 78, (1858). Singapore.

Genus Ugia.

2830. Ugia disjungens.

Ugia disjungens, Walker, Cat. Lep. Het. B. M., xv, p. 1861, (1858). Singapore.

Genus Saroba.

2831. SAROBA PUSTULIFERA.

Saroba pustulifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1097, (1865). North India.

Genus Obdora.

2832. OBDORA NIGRILINEA.

Obdora nigrilinea, Walker, Char. Undescr. Lep. Het., p. 95, (1869). Benares.

Genus Tamba.

2833. TAMBA SUBMICACEA.

Tamba submicacea, Walker, Char. Undescr. Lep. Het., p. 94, (1869). Benares.

Genus Zinna.

2834. ZINNA NIGRIPALPIS.

Zinna nigripalpis, Walker, Char. Undescr. Lep. Het., p. 96, (1869). Benares.

Genus Sarunga.

2835, SARUNGA CALIDA.

Sarunga calida, Walker, Char. Undescr. Lep. Het., p. 110, (1869). Sylhet.

Genus Doranaga.

2536. DORANAGA APICALIS.

Doranaga apicalis, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 7, (1887). Ceylon.

2837. DORANAGA STRIATURA.

Doranaga striatura, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 11, (1887). Ceylon.

GROUP DELTOIDES.

FAMILY PLATYDIDÆ.

Genus Masca.

2838. MASCA ABACTALIS.

Masca abactalis, Walker, Cat. Lep. Het. B. M., xvi, p. 9, (1858). Singapore.

Genus Episparis.

2839. Episparis exprimens.

2540. Episparis sejunctalis.

Pradiota sejunctaria, Walker, Cat. Lep. Het. B. M., xxxv. p. 1572, (1866). Episparis sejunctatis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81. Bengal.

2811. Episparis tobtuosalis.

Episparis tortuosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81, pl. 7, fig. 5.

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim.

2842. Episparis varialis.

Neviasca varialis, Walker, Cat. Lep. Het. B. M., xvi, p. 7, (1858). Episparis variilis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81; and 1877, p. 611.

Lep. Ceyl. iii, p. 217, pl. 175, fig. 12, (1885).

Episparis signata Walker, loc. cit., xxxiii, p. 1032, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470; and

(1886), p. 452. Episparis davallia, Felder & R. Reise, Novara Lep., pl. 120, fig. 41, p. (1873).

M., Calcutta, Andaman Islands (purchased), Sikkim (purchased), Ranchi (Irvine), Kulu (purchased).
 Collection Swinhoe, Sikkim, Mhow, Poona, Bombay, Rangoon.

Also recorded from Ceylon.

Genus Claterna.

2843. CLATERNA CYDONIA.

Phalæna (Noctua) cydonia, Cram., Pap. Exot. i, pl. 22, fig. F. (1775). Brotis cydoniaria, Hübn., Verz. Bck. Schmett, p. 303, 2926, (1816).*

Herminia sidonia, Guérin., Icon. Reg. Anim., pl. 90, fig. 5, ().*

Trigonia cydonialis, Guén., Delt. et Pyral, p. 12, (1854).*

Walker, Cat. Lep. Het. B. M., xvi. p. 4, (1858).

Focilla submemorans, Walker, loc. cit., xv, p. 1533, (1858).

Claterna exagens, Walker, loc. cit., xv, p. 1543, (1858).

Claterna cydonia, Moore, Lep. Ceyl. iii, p. 216, pl. 175, fig. 11, (1885).

Ceylon.

FAMILY HYPENIDÆ.

Genus Dichromia.

2844. DICHROMIA OROSIA.

2845. DICHROMIA PULLATA.

Dichromia pullata, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 4, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.

I. M., Matheran, (Swinhoe). Collection Swinhoe, Bombay, Matheran, Lanaoli, Khandalla. Also recorded from Ceylon.

2846. DICHROMIA QUADRALIS.

Dichromia quadratis, Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858). North India.

2847. DICHROMIA TRIGONALIS.

Dichromia trigonalis, Guén., Delt. et Pyral. 19, 8, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

I. M., Sikkim (Swinhoe)

Collection Swinhoe, Solun, Mandi, Sikkim.

Also recorded from Nepal.

2848. DICHROMIA TRIPLICALIS.

Dichromia triplicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 16, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

I. M., Buxa (Moti Ram), North Khasi Hills, Shillong, Sikkim, Cherrapunji.

Genus Talapa.

2849. TALAPA CALIGINOSALIS.

Remigia (?) caliginosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865).

Talapa caliginosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 6.

Collection Swinhoe, Sikkim.

Genus Anoratha.

2850. Anoratha costalis.

Anoratha costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 1, (not 9).

Collection Swinhoe, Sikkim.

2851. ANORATHA PARITALIS.

Hypena paritalis, Walker, Cat. Lep. Het. B. M., xvi, p. 65, (1858). Anaratha paritalis, Moore, Lep. Ceyl. iii, p. 219, pl. 176, figs. 7, 7a, (1885). Ceylon.

Genus Corcobara.

2852, CORCOBARA ANGULIPENNIS.

Corcobara angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 186, pl. 6, fig. 16, (1882).

Lep. Ceyl. iii, p. 218, pl. 176, fig. 3, (1885).

Ceylon, Sikkim.

2853. Corcobara Thwaitesi.

Corcobara thwaitesi, Moore, Lep. Ceyl. iii, p. 218, pl. 176, figs. 2, 2a ♂, 2b, (1885).

Ceylon.

Genus Apanda.

2854. APANDA DENTICULATA.

Apanda denticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 24, (1882).

Genus Harita.

2855. HARITA RECTILINEA.

Harita rectilinea, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 23, (1882).

Khasi Hills.

Genus Mathura.

2856. MATHURA ALBISIGNA.

Mathura albisigna, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882). Cherrapunji.

Genus Rhynchina.

2857. RHYNCHINA ANGULIFASCIA.

Rhynchina angulifascia, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882). Mussoorie, Cashmir.

2858. RHYNCHINA PERVULGARIS.

Rhynchina pervulgaris, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 5; and 1886, p. 452.

Collection Swinhoe, Mhow, Poona, Bombay.

2859. RHYNCHINA PIONEALIS.

Rhynchina pionealis, Guén., Delt. et Pyral. 21, 10, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 18, (1858).

India.

2860. RHYNCHINA XYLINA.

Rhynchina xylina, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452. Collection Swinhoe, Mhow.

Genus Hypona.

2861, HYPENA ABDUCALIS.

Hypena abducatis, Walker, Cat. Lep. Het. B. M., xvi. p. 66, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

Swinboe, Proc. Zool. Soc. Lond. 1886, p. 453.

I. M., Mhow (Swinboe).

Collection Swinboe, Solum Hunballs, Mhow

Collection Swinhoe, Solun, Umballa, Mhow. Also recorded from Bengal.

Also recorded from Denga

2862. Hypena absumilis.

Hapena absimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882). Khasi Hills. Allied to II. occatus.

2863. Hypena basistricalis.

Hypena basistrigatis, Moore, Proc. Zool, Soc. Lond. 1867, p. 84. I. M., Kulu (purchased). Also recorded from Cherrapunji and Sikkim.

2864. Hypena biangulata.

Hypena biangulata, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 9, (1885). Ceylon.

2865. HYPENA CASTANEALIS.

Hypena castancalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84. I. M., Sikkim.

Collection Swinhoe, Sikkim.

2866. HYPENA CERVINALIS.

Hypena cervinalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Kulu (purchased).

Collection Swinhoe, Sikkim.

2867. HYPENA CIDARIOIDES.

Hypena cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).

Khasi Hills.

Allied to II. tortuosa.

2868. Hypena cognata.

Hypeaa cognata, Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 8, (1885). Ceylon.

2869. HYPENA COLOMBANA.

Hypena colombana, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 8, (1885).

I. M., (?) Andaman Islands (purchased).

Also recorded from Ceylon.

2870. HYPENA COSTINOTALIS.

Hypena costinotalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83. Collection Swinhoe, Sikkim.

2871. HYPENA DENTILINEALIS.

Hupena dentilinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60, fig. 7.

I. M., Andaman Islands (purchased).

2872. HYPENA DETERSALIS.

Hypena detersalis, Walker. Cat. Lep. Het. B. M., xvi, p. 232, (1858).

Moore, Lep. Ceyl. iii, p. 226, (1885).

Ceylon.

2873. HYPENA DIVARICATA.

Hypena divaricata, Moore, Deser. Ind. Lep. Atk. ii, p. 189, (1882). Khasi Hills, Sikkim.

Allied to II. labatalis.

2874. Hypena divisalis.

Hypena divisalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84. I. M., Sikkim.

2875. HYPENA (?) ELONGALIS.

Phalana elongalis, Fabr., Syst. Gloss. 221, 345.*

Hypena (?) elongalis, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).

Tranquebar.

2876. HYPENA EXTENSA.

Hypena externa, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1139, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

Sikkim.

2877. HYPENA EXTERNA

Hypena extensa, Moore, Descr. Iud. Lep. Atk. ii, p. 196, (1882). Sikkim.

2878. HYPENA FLEXUOSA.

Hypena flexuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882). Collection Swinhoe, Sikkim.

2579. HYPENA (?) GEMINA.

Hyblaca gemina, Fabr., Syst. Gloss. 128, 6.*
Hypena (!) geminalis, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).
India.

2880. Hypena griseipennis.

Hypena griseipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882). Cherrapunji.
Allied to II. laceratalis and II. ignotalis.

2881. HYPENA ICONICALIS.

Hypena iconicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 61, (1858).

Moore, Lep. Ceyl. iii, p. 225, pl. 175, fig. 9, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

I. M., Andaman Islands (purchased), Sibsagar (Peal).

Collection Swinhoe, Bombay, Nilgiri Hills. Also recorded from Ceylon and Java.

2882. MYPENA IGNOTALIS.

Hypena ignotalis, Walker, Cat. Lep. Het. B. M., xvi, p. 60, (1858). North India.

2883. HYPENA INCURVATA.

Hyena incurvata, Mogre, Descr. Ind. Lep. Atk. ii, p. 189, (1882). Khasi Hills.
Allied to H. abduealis.

2884. HYPENA INDICALIS.

Hypena indicalis, Guén., Delt. et Pyral. 31, 25, (1854).

Walker, Cat. Lep. Het. B. M., xvi, p. 55, (1858).

Collection Swinhoe, Sikkim.

2885. HYPENA INEFFECTALIS.

Hypena ineffectalis, Walker, Cat. Lep. Het. B. M., xvi, p. 85, (1858).

Moore, Lep. Ceyl. iii, p. 226, (1885).

Collection Swinhoe, Travancore, Bombay.

Also recorded from Ceylon.

2886. HYPENA JOCOSALIS.

Hypena jocosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).

Moore, Lep. Ceyl, iii, p. 223, (1885).

Ceylon.

2887. HYPENA LABATALIS.

Hypena labatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 66, (1858).
—Moore, Lep. Ceyl. iii, p. 225, pl. 176, fig. 6, (1885).
Ceylon.

2888. HYPENA LACEBATALIS.

Hypena laceratalis, Walker, Cat. Lep. Het. B. M., xvi, p. 60, (1858).

Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).

Moore, Lep. Ceyl. iii, p. 224, pl. 176, figs. 5, 5a, (1885).

Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 471.

I. M., Karachi (Swinhoe and Murray), Kulu (purchased).

Collection Swinhoe, Karachi, Poona, Bombay.

Also recorded from Ceylon.

Closely allied to H. ignotalis.

2889. HYPENA LACESSALIS.

Hypena lacessalis, Walker, Cat. Lep. Het. B. M., xvi, p. 59. (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

2890. HYPENA LÆSALIS.

Hypeno læsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 62, (1858).

Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 10, (1885).
India, Ceylon.

2891. HYPENA LATIVITTA.

Hypena lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882). Collection Swinhoe, Sikkim. Allied to II. tenebralis.

2892. HYPENA LIGNEALIS.

Hypona lignealis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1138, (1865).
—Moore, Lep. Ceyl. iii, p. 226, (1885).
Ceylon.

2893. HYPENA LONGIPENNIS.

Hypena longipennis, Walker, Cat. Lep Het. B. M., xxxiv, p. 1139 (1865); and xxxv, p. 1976, (1866).

——Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

1. M., Nilgiri Hills (Swinhoe).

Collection Swinhoe, Sikkim, Nilgiri Hills.

2894. Hypena mandatalis.

Hypena mandatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).

Mooro, Lep. Ceyl. iii, p. 225, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2895. Hypena masurialis.

Hypena masurialis, Guén., Delt. et Pyral. 38, 40, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).

Mussoorie.

2896. HYPENA MEDIANA.

Hypena mediana, Moore, Descr. Ind. Lep. Atk. ii. 1882, p. 189. Parisnath.

2897. Hypena minicalis.

Hypena mimicalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 6.

Collection Swinhoe, Poona, Bombay, Bhuj coast.

2898. Hypena modesta.

Hypena modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Sikkim
Also recorded from Cherrapunji.

2899. HYPENA MOLPUSALIS.

Hypena molpusulis, Walker, Cat. Lep. Het. B. M., xix, p. 844, (1859).

Moore, Lep. Ceyl. iii, p. 222, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

Hypena subapicalis, Walker, loc. cit., xxxiv, p. 1137, (1865).

Hypena sparsalis, Walker, loc. cit., p. 1511.

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2900. HYPENA NARRATALIS.

Hypena narratalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).

I. M., Kulu (purchased).

Collection Swinhoe, Kasauli.

2901. HYPENA OBDUCTALIS.

Hypena obductulis, Walker, Cat. Lep. Het. B. M., xvi, p. 56, (1858). Collection Swinhoe, Solun,

2002. Hypena obstupidalis.

Hypena obstupidalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 7.

I. M., Bombay and Khandalla (Swinhoe). Collection Swinhoe, Poona, Bombay, Khandalla. Allied to *II. ignotalis*.

2903. HYPENA OCCATUS.

Hypena occutus, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882). Cherrapunji, Khasi Hills.

2904. HYPENA OCHREIPENNIS.

Hypena ochreipannis, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882). Sikkim.

Allied to II. proboscidialis.

2005. HYPENA OPHIUSOIDES.

Hypena ophiusoides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882). Khasi Hills.

2906. HYPENA QUÆSITALIS.

Hypena quasitalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).

Moore, Lep. Ceyl. iii, p. 225, (1885).

Ceylon.

2907. HYPENA QUINQUELINEALIS.

Hypena quinquelinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 612. South Andaman Islands.

2908. Hypena proboscidalis.

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HYPENA PROBOSCIDALIS - continued.

Sulz., Hist. Ins., pl. 23, fig. 6.*

Gmel., Ed. Syst. Nat. i, 5, 2520, 331.*

Hübn., Eur. Schmett, v, fig. 7.*

Phalana rostralis, Berk., Syn. i, 146, (1795).*

Geometra proboscidalis, Treit., Syst. Nat. iii, 274.*

Phalana lusalis, Fabr., Ent. Syst. iii, p. 221, No. 343, (1794).

Crambus proboscidens, Fabr., Suppl., 465, 7.*

Crambus proboscidatus, Haw., Lep. Brit. 365, 1.*

Hypena proboscidalis, Treit., Schm., 22.*

Dup., Lep. France. 22, pl. 212, fig. 2.*

Steph., Ill. Brit. Haust. iv, 11, 1.*

Herr Schäff., Schm. Eur. vi, 426.*

Guén., Delt. et Pyral, 30, 24, (1854)*.

Walker, Cat. Lep. Het. B. M., xvi, p. 24, (1858).

Collection Swinhoe, Solun.

Also recorded from Europe.

2909. HYPENA RECTIVITTALIS.

Hypena rectivittalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84. Bengal.

2910. Hypena rhomboidalis.

Hypena rhomboidalis, Guén., Delt. et Pyral, 33, 29, (1854).* Ceylon.

2911. HYPENA SIMILATA.

Hypena similata, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882). Khasi Hills, Calcutta. Allied to H. iconicalis.

2912. HYPENA SPECULALIS.

Hypena speculalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 8.

Bombay.

2913. HYPENA STIPATA.

Nanaguna (?) stipata, Walker, Cat. Lep. Het. B. M., xxvii, p. 85, (1863). Hypena stipata, Moore, Lep. Ceyl. iii, p. 227, (1885). Ceylon.

2914. Hypena strigifascia.

Hypena strigifascia, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882). Sikkim.

2915. HYPENA SURREPTALIS.

Hypena surreptalis, Walker, Cat. Lep. Het. B. M., xvi, iv, p. 84, (1858).

Moore, Lep. Ceyl. iii, p. 226, (1885).

Ceylon.

2916. HYPENA TATORHINA.

Hypena tatorhina, Butler, Ill. Typ. Lep. Het. iii, p. 60, pl. 55, fig. 13, (1879).

Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Kulu (purchased).

Also recorded from Kalapani (Punjab).

2917. HYPENA TENEBRALIS.

Hypena tenebralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83. I. M., Sikkim (Swinhoe).

Collection Swinhoe, Sikkim.

2018. HYPENA TORTUOSA.

Hypena tortuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882). Dehra, Sikkim. Allied to H. jocosalis.

2919. HYPENA TRIANGULARIS.

Hypena triangularis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882). Khasi Hills.

2920. HYPENA UMBRIPENNIS.

Hypena umbripennis, Moore, Deser. Ind. Lep. Atk. ii, p. 192, (1882). Khasi Hills.

2921. HYPENA UNDULALIS.

Hypena undulalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1138, (1865). India.

Allied to II. abducalis.

2922. HYPENA VECORDIALIS.

Hypena vecordialis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 10.

Collection Swinhoe, Bombay.

Genus Bomolocha.

2923. Bomolocha vestita.

Bomolocha vestita, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 10, (1885). Hypena rhombalis, Walker (nec Guén.), Cat. Lep. Het. B. M., xvi, p. 56, (1858).

Ceylon,

Genus Nolasena.

2924. Nolasena ferrifervens.

Moore, Lep. Ceyl. iii, p. 230, pl. 177, fig. 9, (1885)

Ceylon.

Genus Marapana.

2925. MARAPANA INCONGRUALIS.

Hypena incongrualis, Walker, Cat. Lep. Hef. B. M., xvi, p. 232, (1858).

Marapuna incongrualis, Moore, Lep. Ceyl. iii, p. 228, pl. 177, fig. 5

(1885).

Ceylon.

2926. MARAPANA RARALIS.

Hypena raralis, Walker, Cat. Lep. Het. B. M., xvi, p. 65, (1858). Marapana raralis, Moore, Lep. Ceyl. iii, p. 227, (1885). Ceylon.

Genus Ophiuche.

2927. OPHIECHE CONSCITALIS.

9928. OPHIUCHE MISTACALIS.

Herminia mistacalis, Guén., Delt. et Pyral., pp. 60, 69, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).

Hypena pactalis, Walker, loc. cit., xvi, p. 64, (1858).

Ophiache mistacalis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, fig. 6, (1885)

India, Ceylon.

2929. OPHIUCHE OBACERALIS.

Hypena obaceralis, Walker, Cat. Lep. Het. B. M., xvi, p. 53, (1858). Hypena obliqualis, Kollar, Hüg. Kasch. iv, p. 491, (1848). Ophiuche obaceralis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, lig. 5, (1885). Hypena obaceralis, Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 471.

I. M., Nilgiri Hills (Swinhoe).

Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and South Africa.

FAMILY HERMINIIDÆ.

Genus Bleptina.

2930. BLEPTINA MOROSA.

Bleptina morosa, Butler, Ill. Typ. Lep. Het. iii, p. 64, pl. 56, fig. 15, (1879).

Proc. Zool. Soc. Lond. 1883, p. 166.

Collection Swinhoe, Solun.

Genus Corgatha.

2931. CORGATHA MINORALIS.

Bleptina minoralis, Walker, Cat. Lop. Het. B. M., xxxiv, p. 1161, (1865). Corgatha minoralis, Moore, Lep. Ceyl. iii, p. 241, (1885).

Ceylon.

Allied to C. omariusalis.

2932. CORGATHA OMARIUSALIS.

Bleptina omariusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 871, (1865). Corgatha omariusalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 7, (1885). Ceylon.

2933. Corgatha renalis.

Corgatha renalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 3, (1885). Ceylon.

2934. Corgatha zonalis.

Corgatha zonalis, Walker, Cat. Lep. Het. B. M. xvi, p. 216, (1858). -----Moore, Lep. Ceyl. iii, p. 241, (1885). Ceylon.

Genus Chusaris.

2935. Chusaris punctilinealis.

Chusaris (?) punctilinealis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1175. (1865). Moore, Lep. Ceyl. iii, p. 252, (1885). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476. I. M., Andaman Islands (purchased).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2936. Chusaris retatalis.

Chusaris retatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 215, (1858). — Moore, Lep. Ceyl. iii, p. 252, (1885). Bleptina spurcatalis, Walker, loc. cit. xxxiv, p. 1163, (1865). Ceylon.

Genus Luceria.

2937. Luceria novatusalis.

Luceria novatusalis, Walker, Cat. Lep. Het. B. M., xix, p. 854, (1859). -- Moore, Lep. Ceyl. iii, p. 252, (1885). Ceylon.

Genus Ilyrgis.

2938. ILYRGIS ECHEPHUREALIS.

Ilyrgis echephurealis, Walker, Cat. Lep. Het. B. M., xix, p. 880, (1859).

Moore, Lep. Ceyl. iii, p. 243, (1885).

Ceylon.

Genus Adrapsa.

2939. ADRAPSA ABLUALIS.

Adrapsa ablualis, Walker, Cat. Lep. Het. B. M., xvi, p. 170, and p. 246, (1858).

Moore, Lep. Ceyl. iii, p. 245, (1885).

India, Ceylon.

Genus Imma.

2910. IMMA RUGOSALIS.

Inma rugosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 195, (1858). Imma bugosalis (sie), Moore, Lep. Ceyl. iii, p. 246, (1885). Pingrasa accuralis, Walker, loc. cit., p. 227, Q, (1858). Ceylon.

Genus Dragana.

2941. Dragana pansalis.

Dragana pansalis, Walker, Cat. Lep. Het. B. M., xvi, p. 200, (1859).

Moore, Lep. Ceyl. iii, p. 251, (1885).

Apphadana evulsalis, Walker, loc. cit., xxxiv, p. 1213, (1865).

Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

Poaphila concors, Walker, loc. cit., xxxv, p. 1969, (1866).

I. M., Andaman Islands (purchased), Mergui (Anderson).

Collection Swinhoe, Bombay, Travancore, and Poona.

Also recorded from Ceylon.

Genus Lamida.

2942. Lamida moncusalis.

Lamida moncusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 252, (1858). Collection Swinhoe, Solun.

Genus Apphadana.

2943. APPHADANA FESTINA.

Apphadana festina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 3.

I. M., Nilgiri Hills (Swinhoe). Collection Swinhoe, Bombay, Nilgiri Hills.

2914. APPHADANA MISERA.

Aphandala (sic) misera, Butler, Proc. Zool. Soc. Lond. 1883, p. 166. Apphadana misera, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453. Collection Swinhoe, Mhow, Assirgarh.

2945. Apphadana nigrofusca.

Apphadana nigrofusca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 4.

Collection Swinhoe, Poona.

2946. APPHADANA RUBICUNDULA.

Apphadana rubicundula, Swinhoe, Proc. Zool. Sec. Lond. 1885, p. 475, pl. 28, fig. 2.
Collection Swinhoe, Bombay.

2947. APPHADANA RUSTICULA.

Apphadana rusticula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474, pl. 28, fig. 1.

Collection Swinhoe, Poona.

Genus Gabala.

2948. GABALA POLYSPILALIS.

Gabala polyspilalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1221, (1865). Collection Swinhoe, Bombay, Khandalla, Purundhur, Nilgiri Hills.

Genus Orosa.

2919. OROSA TORTRICOIDES.

Orosa tortricoides, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1223, (1865),

Moore, Lep. Ceyl. iii, p. 250, (1885).

Ceylon.

Genus Herminia.

2950. HERMINIA ALBIRENALIS.

Herminia albirenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85. Sikkim.

2951. HERMINIA (?) APIDANUSALIS.

Herminia (?) apidauusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 240, (1858).

North India.

2952. HERMINIA DIFFUSALIS.

Herminia diffusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1858).

Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2953. HERMINIA DUPLEXA.

Herminia duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 193, pl. 6, fig. 18, Sikkim.

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2954. HERMINIA HADENALIS.

Herminia hadenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

I. M., Sibsagar (Peal).

Collection Swinhoe, Sikkim.

2955. HERMINIA (?) LIMBUSALIS.

Merminia (?) limbosalis, Guén., Delt. et Pyral., 59, 67, (1854).

Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).
India.

2956. HERMINIA LINEOSA.

Herminia lineosa, Moore, Descr. Ind. Lop. Atk. ii, p. 193, (1882). Sikkim.

2957. HERMINIA OCHRACEALIS.

Herminia ochraccalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85. Sikkim.

2958. HERMINIA ORTHOSIANA.

Herminia orthosiana, Swinhoe, Proc. Zool. Soc. Lond. 1885, pl. 473, p. 28, fig. 15.

Collection Swinhoe, Bombay.

2959. HERMINIA RESTRICTA.

Herminia restricta, Moore, Deser. Ind. Lep. Atk. ii, p. 192, (1882). Collection Swinhoe, Sikkim. Allied to H. hadenalis.

2960. HERMINIA STRIGA.

Thatpochares striga, Felder & R. Reise, Novara Lep., pl. 109, fig. 20, (1872).

I. M., Kulu (purchased). Collection Swinhoe, Solun, Kulu.

2961. HERMINIA TIMONALIS.

Herminia timonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1858).

Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2962. HERMINIA VELIFERA.

Herminia velifera, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473, pl. 28, fig. 17.

Poona.

2983. HERMINIA VIALIS.

Herminia vialis, Moore, Deser. Ind. Lep. Atk. ii, p. 192, (1882).

Cherrapunji.

Allied to II. hadenalis.

Genus Mastygophora.

2964. Mastygophora scopigeralis.

(?) Mastygophora scopigeralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 86. I. M., Sibsagar (Peal).

Collection Swinhoe, Sikkim.

Genus Echana.

2965. ECHANA ABAVALIS.

Echana abavalis, Walker, Cat. Lep. Het. B. M., xvi, p. 196, (1858).

Moore, Lep. Ceyl. iii, p. 241, pl. 177, fig. 10, (1885).

Collection Swinhoe, Khandalla.

Also recorded from Ceylon and Borneo.

2966. ECHANA PLICALIS.

Echana plicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 86, pl. 7, fig. 7. Collection Swinhoe, Sikkim.

Genus Bibacta.

2967. BIBACTA TRUNCATA.

Bibacta truncata, Moore, Descr. Ind. Lep. Atk. ii, p. 198, pl. 6, fig. 25, (1882).

India.

Genus Madopa.

2968. MADOPA QUADRILINEATA.

Madopa quadrilineata, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882). Collection Swinhoe, Sikkim.

Genus Zanclognatha.

2969. ZANCLOGNATHA ERECTA.

Zanclognatha erccta, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Sikkim.

Allied to Z. (Paracolax) tarsiplumalis, Hübn; and Z. (Herminia) griscalis, Treit., both of Europe.

2970. Zanclognatha undulata.

Zanclognatha undulata, Moore, Descr. Ind. Lep. Atk. ii, p. 193 (1882). Allied to Z. crecta.

Genus Hydrillodes.

2971. HYDRILLODES GRAVATALIS,

Bocana gravatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 175, (1858).'
Echana tennenti, Felder & R. Reise, Novara Lep., pl. 120, fig. 1, (1873).

Hydrillodes gravatalis, Moore, Lep. Ceyl. iii, p. 238, pl. 177, fig. 12, (1885).

Ceylon.

2972. HYDRILLODES LENTALIS.

Hydrillodes lentalis, Guén., Delt. et Pyral., p. 66, pl. 5, fig. 3, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 118, (1858).

Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 11, (1885).

Catada (?) captiosalis, Walker, loc. cit. xvi, p. 210, (1858).

Swinder, Proc. Zool. Soc. Lond. 1885, p. 474.

I. M., Ceylon (Colombo Museum). Collection Swinhoe, Poona, Khandalla, Bombay, Ceylon.

2973. Hydrillodes subbasalis.

Hydrillodes subbasalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60, fig. 8.

I. M., Andaman Islands (purchased).

2974. Hydrillodes transversalis.

Hydrillodes transversalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

I. M., Andaman Islands (purchased).

Genus Bertula.

2975. BERTULA ABJUDICALIS.

Bertula abjudicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 163, (1858).

Moore, Lep. Ceyl. iii, p. 239, (1885).

Bocana tumidalis, Walker, loc. cit. xvi, p. 176, (1858).

Collection Swinhoe, Ceylon.

2976. BERTULA BREVIVITALIS.

Bertula brevivittalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87. Bengal.

2977. BERTULA CHALYBEALIS.

Bertula chalybealis, Moore, Proc. Zool. Soc., Lond. 1867, p. 87, pl. 7, fig. 8. 1. M., Sikkim.

2978. BERTULA CONTINGENS.

Bertula contingens, Walker, Cat. Lep. Het. B. M., xvi, p. 245, (1858).

Moore, Lep. Ceyl. iii, p. 240, (1885).

Ceylon.

2979. BERTULA HISBONALIS.

Bertula hisbonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 164, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Sylhet.

2980. BERTULA IMPARATALIS.

Bertula imparatalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1168, (1865). India.

2981. BERTULA PLACIDA.

Bertula placida, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882). Sikkim. Allied to B. chalybealis.

2982. BERTULA STIGMATALIS.

Bertula stigmatalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87. Bengal.

2983. BERTULA THYRISALIS.

Bertula thyrisalis, Walker, Cat. Lep. Het. B. M., xvi, p. 167, (1858) & xix, p. 886, (1859).
Ceylon, Australia.

2984. BERTULA VIALIS.

Bertula vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882). Sikkim.

Genus Nodaria.

2985. Nodaria cingala.

Nodaria cingala, Moore, Lep. Ceyl. iii, p. 233, (1885). Ceylon.

2986. Nodaria externalis.

I. M., Bombay and Poona (Swinhoe), Kulu (purchased).
Collection Swinhoe, Poona, Bombay, Mhow, Travancore, Nilgiri Hills.

Genus Catada.

2987. CATADA RENALIS.

Bocana renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882). Cherrapunji, Khasi Hills. Allied to C. vagalis.

2988. CATADA VAGALIS.

Bocana vagalis, Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858). Catada glomeralis, Walker, loc. cit. xvi, p. 210, (1858). Catada vagalis, Moore, Lep. Ceyl. iii, p. 246, (1885).

Collection Swinhoe, Travancore.

Also recorded from Ceylon and Borneo.

Genus Hipoopa.

2989. HIPOEPA FRACTALIS.

Herminia fractalis, Guén., Delt. et Pyral., p. 60, (1854).

Walker, Cat. Lep. Het. B. M., xvi, p. 114, (1858).

Bertula raptatalis, Walker, loc. cit., xvi, p. 164, (1858).

Hypoera (sic) fractalis, Moore, Lep. Ceyl iii, p. 235, (1885).

Hipoepa raptatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

Collection Swinhoe, Poona.

Also recorded from Ceylon.

2990. HIPOEPA LAPSALIS.

Hipocpa lapsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 188, (1858).

Moore, Lep. Ceyl. iii, p. 235, pl. 177, fig. 6, (1885).

Ceylon.

Genus Hadennia.

2991. HADENNIA ALBINOTALIS.

Bertula albinotalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613. Andaman Islands. Allied to Il. mysalis and II. hypenalis.

2992. HADENNIA HYPENALIS.

Bocana hypenalis, Walker, Cat. Lep. Het. B. M., xvi, p. 174, (1858). Hadennia hypenalis, Moore, Lep. Ceyl. iii, p. 236, (1885). Ceylon.

2993. HADENNIA JUTALIS.

Bocana jutalis. Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858). Hadonnia jutalis, Moore, Lep. Ceyl. iii, p. 236, (1885). Ceylon.

2994. HADENNIA MYSALIS.

Bertula mysalis, Walker, Cat. Lep. Het. B. M., xix, p. 886, (1859). Hadennia mysalis, Moore, Lep. Ceyl. iii, p. 236, (1885). Ceylon.

2095. HADENNIA PRUNOSA.

Hadennia prunosa, Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 8, (1885). Ceylon.

Genus Bocana.

2996. BOCANA BASALIS.

Bocana basalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88. Bengal.

2997. BOCANA DETERMINATA.

Bithiasa determinata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1116, (1865). Diomea reputsa, Walker, loc. cit. xxxiii, p. 899, (1865). Bocana determinata, Moore, Lep. Ceyl. iii, p. 244, (1885). Ceylon.

2998. BOGANA (?) ERUBESCENS.

Bocana (?) crubescens, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865). South India.

2999. BOCANA GEOMETROIDES.

Lusia geometroides, Walker, Cat. Lep. Het. B. M., xiii, p. 1113, (1857). Locana geometroides, Moore, Lep. Ceyl. iii, p. 244, (1985). Ceylon.

3000. BOGANA MANIFESTALIS.

3001. Bocana Marginata.

Bocana marginata, Moore, Descr. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 19, (1882).

Sikkim.

Allied to B. schaldusalis, Walker, of Borneo.

3002. BOCANA MURINALIS.

Bocana murinalis, Moore, Proc. Zool. Sec. Lond. 1867, p. 89. Bengal.

3003. BOCANA PICTA.

Bocana picta, Moore, Descr. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 21, (1882). Khasi Hills.

3004. BOCANA QUADRILINEALIS.

Bocana quadrilinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88. I. M., Sikkim, Sibsagar.

3005. BOCANA SUBAPICALIS.

Bocana subapicalis, Moore, Lep. Ceyl. iii, p.241, (1885). Ceylon.

3006. BOCANA VIRIDALIS.

Bocana viridalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.

I. M., Nilgiri Hills (Swinhoe).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Bengal.

Genus Pantura.

3007. PANTURA OPHIUSALIS.

Bocana ophiusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 173, (1858). Pantura ophiusalis, Moore, Lep. Ceyl. iii, p. 217, pl. 177, fig. 4, (1885). Ceylon.

Genus Byturna.

3008. BYTURNA CUCULLATA.

Byturna cucullata, Moore, Lep. Ceyl. iii, p. 254, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476.

Collection Swinhoe, Poona, Bombay.

Also recorded from Ceylon.

3009. BYTURNA DIGRAMMA.

Bocana digramma, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865).

Byturna digramma, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.

Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522.

Moore, Lep. Ceyl. iii, p. 254, (1885).

I. M., Karachi (Swinhoe).

Collection Swinhoe, Karachi, Mhow, Assirgarh.

Also recorded from Ceylon.

Genus Avitta.

3010. AVITTA CERVINA.

Briarda cervina, Walker, Cat. Lep. Het. B. M., xxxv, p. 1968, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 66.

Collection Swinhoe, Sikkim, Khandalla.

3011. AVITTA FASCIOSA.

Avitta fasciosa, Moore, Lep. Atk. ii, p. 194, pl. 6, fig. 26, (1882). Khasi Hills.

3012. AVITTA RUFIFRONS.

Avitta rufifrons, Moore, Lep. Ceyl. iii, p. 554, pl. 215, fig. 2, (1887). Ceylon.

3013. AVITTA SUBSIGNANS.

Avitta subsignans, Walker, Cat. Lep. Het. B. M., xv, p. 1675, (1858).

I. M., Andaman Islands.

Collection Swinhoe, Andaman Islands, Bombay, Nilgiri Hills. Also recorded from Kanara.

Genus Labanda.

3014. LABANDA ACHINE.

Bocana achine, Felder & R. Reise, Novara iv, pl. 120, fig. 18, (1873). Labanda achine, Moore, Lep. Ceyl. iii, p. 249, (1885). Ceylon.

3015. LABANDA CHLOROMELLA.

Diomea chloromella, Walker, Cat. Lep. Het. B. M., xv, p. 1804, (1858). Labanda herbealis, Walker, loc. cit. xvii, p. 284, (1859). Plotheia chloromella, Moore, Lep. Ceyl. iii, p. 111, (1885). Labanda chloromella, Moore, loc. cit., p. 249, (1885). Ceylon.

3016. LABANDA MUSCOSA.

Diomea muscosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 898, (1865). Labanda saturalis, Walker, loc. cit. xxxiv, p. 1251. (3 only), (1865). Labanda muscosa, Moore, Lep. Ceyl. iii, p. 248, (1885). India, Ceylon.

3017. LABANDA SATURALIS.

Labanda saturalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1251, (1865), (only).

India.

3018. LABANDA SEMIPARS.

Bryophila semipars, Walker, Cat. Lep. Het. B. M., xv, p. 1617, (1858).

Moore, Lep. Ceyl. iii, p. 3, (1884).

Bocana (?) pamphosalis, Walker, loc. cit. xix, p. 887, (1859).

Gerbatha laticincta. Walker, loc. cit xxxiii, p. 913, (1865).

Labanda semipars, Moore, Lep. Ceyl. iii, p. 248, (1885).

Labanda pamphosalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474; and 1886, p. 453.

I. M., Poona (Swinhoe).

Collection Swinhoe, Mhow, Travancore, Khandalla, Poona, Sikkim.

Also recorded from Ceylon.

Genus Cephena.

3019. CEPHENA COSTATA.

Cephena costata, Moore, Descr. Ind. Lep. Atk. ii, p. 196, pl. 6, fig. 13, (1882).

Collection Swinhoe, Khasi Hills, Sikkim.

Genus Asthala.

3020. ASTHALA SILENUSALIS.

Bocana silenusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 179, (1858.) Asthala silenusalis, Moore, Descr. Ind. Lep. Atk. ii, p. 197, pl. 6, fig. 22, (1882).

Khasi Hills, Cherrapunji, Borneo.

Genus Aginna.

3021. AGINNA ROBUSTALIS.

Herminia robustalis, Guén., Delt. et Pyral., pp. 58, 66, (1854).

Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).

Bocana turpatalis, Walker, loc. cit. xvi, p. 174, (1858).

Aginna turpatalis, Swinhoe, Trans. Ent. Soc. Lond. 1884, p. 353.

Aginna circumscripta, Swinhoe (nec Walker), Proc. Zool. Soc. Lond. 1885, p. 474.

Aginna robustalis, Moore, Lep. Ceyl. iii, p. 234, pl. 177, figs. 1, 1a, (1885).

I. M., Poona, Bombay (Swinhoe).

Collection Swinhoe, Quetta, Sikkim, Maudi, Jacobabad (Sind), Poona, Bombay, Ceylon.

3022. AGINNA SIMILIS.

Aginna similis, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882). Sikkim.

Allied to A. robustalis.

3023. AGINNA SIMULATA.

Aginna simulata, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882). Bombay, Calcutta.
Allied to A. robustalis.

Genus Bcmatha.

3024. Bematha extensa.

Bematha extensa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1095, (1865). North India.

Genus Rivula.

3025. RIVULA BIOCULALIS.

Rivula bioculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.

Lep. Ceyl. iii, p. 253, (1885).

Ceylon, Andaman Islands.

3026. RIVULA FLAVONIGRA.

Rivula flavonigra, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 47, fig. 15.

I. M., Sind (Karachi Museum). Collection Swinhoe, Karachi, Kotree, Hydrabad, Bombay.

3027. RIVULA OCULALIS.

Rivula oculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614. Andaman Islands.

3028. RIVULA PALLIDA.

Rivula pallida, Moore, Descr. Ind. Lep. Atk. ii, p. 197, (1882). Calcutta.

Allied to R. bioculalis.

3029. RIVULA SERICIALIS.

Pyralis sericialis, Denis, Wien. Verz. 122, 18, (1775)*.
Fabr., Mant. Ins. ii, 218, 283, (1787).
Ent. Syst. iii, 2, p. 226, No. 364, (1794).
Gmel., Ed. Syst. Nat. i, 5, 2521, 925*.
———— Hübn., Pyral., pl. 7, fig. 56*.
Treit., Schmett, 125*.
Pyralis lecana, (?) Fabr., Ent. Syst. iii, 2, 242, 2, (1794).
Donov., Brit. Ins. x, 87, pl. 357, fig. 1*.
Treit., Syst. Nat. iii, 312*.
Metarmeste sericealis, Hübn., Verz. Bek. Schnet. 352, 3861, (1816).
Margaritia scricealis, Steph., Ill. Brit. Haust iv, 58, 27*.
Rivala limbata, Herr Schäft., Eur. Schmett, vi, 447, 5*.
Rivula sericealis, Dup., Lep. 45, pl. 219*.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Hydrabad.
Also recorded from Europe.

Genus Cycloptoryx.

3030. Cyclopteryx canaliferalis.

Cyclopteryx canaliferalis, Moore, Proc. Zool, Soc. Lond. 1877, p. 613.

Andaman Islands.

Genus Myana.

3031. MYANA ATROMACULA.

Myana atromacula, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 5.

Collection Swinhoe, Karachi.

3032. Myana sopora.

Myana sopora, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 48, fig. 4. Collection Swinhoe, Karachi, Hydrabad (Sind).

Genus Pasira.

3033. Pasira mnigmatica.

Pasira anigmatica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 11.

I. M. A specimen with no history. Collection Swinhoe, Poona, Bombay.

3034. PASIRA BIATOMEA.

Pasira biatomea, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.
Lep. Ceyl. iii, (1885).
Ceylon.

Cty 1011.

3035. PASIRA INSCITIA.

Pasira inscitia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473. Collection Swinhoe, Bombay.

3036. PASIRA OCHRACEA.

Pasira ochracea, Moore, Deser. Ind. Lep. Atk. ii, p. 197, (1882). Calcutta.

3037. PASIRA RENALIS.

Pasira renalis, Moore, Lep. Ceyl. iii, p. 250, (1885). Ceylon.

3038. PASIRA RUSSA.

Pasira russa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 13. I. M. Bombay (Swinhoe). Collection Swinhoe, Poona, Bombay.

Genus Æthia.

3039. ÆTHIA ALBICOSTA.

Æthia albicosta, Moore, Lep. Ceyl. iii, p. 232, (1885). Ceylon.

Genus Nabartha-

3040. NABARTHA MARGINATA.

Nabartha marginata, Moore, Lep. Ceyl. iii, p. 234, pl. 177, fig. 2, (1885). Ceylon.

Genus Helia.

3041. II ELIA FIGURATA.

Helia figurata, Moore, Lep. Ceyl. iii, p. 239, (1885). Ceylon

3042. HELIA LUNIFERA.

Helia lunifera, Moore, Lep. Ceyl. iii, p. 238, (1885). Ceylon.

Genus Spadix.

3043. SPADIX VEGETUS.

Spadix vegetus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 14; and 1886, p. 453.

I. M., Mhow (Swinhoe). Collection Swinhoe, Bombay, Mhow.

Genus Asta.

3041. ASTA QUADRILINEA.

Asta quadrilinea, Walker, Journ. Linn. Soc. Lond. vii, p. 171, (1864).

Cat. Lep. Het. B. M., xxxiii, p. 901, (1865).

Collection Swinhoe, Bombay.

Also recorded from Borneo.

GROUP GEOMETRITES.

FAMILY URANIDE.

Genus Nyctalemon.

3045. NYCTALEMON NAJABULA,

Nyctalemon najabula, Moore, Proc. Zool. Soc. Lond. 1877, p. 620.

Butler, Proc. Zool. Soc. Lond. 1883, p. 169.

Lyssidia najabula, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.

I. M., Andaman Islands.

Collection Swinhoe, Andaman Islands.

3046. NYCTALEMON PATROCLUS.

Papilio (Eq. achiv.) patroclus, Linn., Mus. Lud. Ulr., 204. (1764).*
Syst. Nat. ii, p. 749, No. 24. (1767).
Clerk, Icon., pl. 37. fig. 1, (1759).*
Fabr., Sp. Ins. ii, p. 13, No. 53, (1781).
Mant. Ins. ii. p. 7, No. 59, (1787).
D'Aubent, Miscell., pl. 17, figs. 1, 2.*
Oliv., Enc. Méth. Ins. Pap., pl. 8, fig. 1.
Cram., Pap. Exot. iii, pl. 198, fig. A.
(1570) v. 1 100 floor A D (1570)
(1779), pl. 109, figs. A, B, (1777).
Herbst., Pap., pl. 54, figs. 2, 3, pl. 55, fig. 1,
Gmel., Ed. Syst. Nat. 1, 5, 2236, 24.*
Noctua patroclus, Fabr., Ent. Syst. iii, 2, p. 8, No. 2, (1794).
Urania patroclus, Latr. et God., Enc. Meth. ix, 710, 5.*
Lam., Nat. Hist. Anim. Invert. iv, 194.*
Boisd., Voy. de l'Astrolabe, Pt. 1, Lep., p. 254, No. 2,
(1832).
Lyssa achillaria, Hübn., Verz. Schmett, p. 289, 2808, (1816).
Lares, Heroicae, Larundae, Lyssae, 2808, 2809.*
Lyssa patroclaria, Hubn., Verz. Schmett, p. 289, No. 2809, (1816).
Nyetalemon patroclus, Westw., Ed. Drury, 1, p. 13, pl. 7, fig. 1, pl. 8, fig. 1,
(1837).*
Lucas, Bull. foc. Ent. Fr. (5), x, p. 53. (1880).
Walker, Cat. Lep. Het. B. M. i, p. 8, (1854).
Lyssidia patroclus, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.
I. M., Sylhet.
Collection Swinhoe, Sylhet.
Also recorded from Java, the Moluecas, and China.
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3047. NYCTALEMON ZAMPA.

Ngetalemon zampa, Butler, Ent. Mo. Mag. v, p. 273, (1868-69),

Moore, Journ. As. Soc. Beng., pt. ii, No. 3, p. 234,

(1884).

Papillo nativalna Diving (no. Linn.), Inc. i. ph. 7.8, 65, 1, (1870)

Papilio patroclus, Drury (nec Linn.), Ins. i, pls. 7-8, fig. 1, (1770).

1. M., Sylhet.

Collection Swinhoe, Assam.

FAMILY EROSIIDÆ.

Genus Orudiza.

3048. ORUDIZA PROTHECLARIA.

Orudiza protheclaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 858, (1861).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Kanara. Also recorded from North India.

Genus Dirades.

3049. Dirades adjutaria.

Doana adjutaria, Walck., Cat. Ceyl. Ins.*

Erosia adjutaria, Walker, Cat. Lep. Het., B. M. xxiii, p. 849, (1861).

Dirades adjutaria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 9, (1887).

Erosia theelata, Guén., Phal. ii, p. 36, (1857).*

Walker, loc. cit. xxiii, p. 346.

Butler, Proc. Zool. Soc. Lond. 1883, p. 171.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863.

Erosia verticaria, Felder & R. Reise, Novara, pl. 128, fig. 7, (1874).

I. M., Khandalla.

Collection Swinhoe, Solun, Karachi, Poona, Khandalla.

Also recorded from Ceylon.

3050. DIRADES BIDENS.

Erosia bidens, Felder & R. Reise, Nov., pl. 128, fig. 38, Q, (1874). Bengal.

3051. DIRADES BINOTATA.

Dirades binotata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1650, (1866).

Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 7, \$\frac{2}{3}\$, (1887).

Collection Swinhoe, Solun.

Also recorded from Ceylon.

3052. DIRADES CERVINARIA.

Erosia cervinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 646. Bengal.

3053. DIRADES CONCHIFERATA.

Dirades conchiferata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 11, (1887). Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3054. DIRADES CONIFERA.

Dirades conifera, Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 8, (1887). Ceylon.

3055. DIRADES FERRUGATA.

Dirades ferrugata, Walker, Cat. Lep. Het. R. M. xxxv, p. 1661, (1866).

Moore, Lep. Ceyl. iii, p. 404, (1887).

Ceylon.

3056. DIRADES (?) FIGURARIA.

Erosa (?) figuraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 850, (1861). Dirades figuraria, Moore, Lep. Ceyl. iii, p. 404, (1887). Ceylon.

3057. DIRADES HIMALA.

Erosia himala, Butler, Ann. Nat. Hist. (5), vi, 1880, p. 221.

Ill. Typ. Lep. Het. B. M. vi, p. 47, pl. 112, fig. 9, (1886).

Collection Swinhoe, Khasi Hills, Darjiling.

3058. DIRADES HYPERBOLICA.

Erosia hyperbolica, Swinkoe, Proc. Zool. Soc. Lond. 1884, p. 528, pl. 48, fig. 15.

I. M., Sibsaghar (Peal), Sikkim, Andaman Islands (De Roepstorff).Collection Swinhoe, Karachi.

3059. Dirades irrorata.

Dirades irrorata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 10, (1887). Ceylon.

3060. DIRADES LATIFASCIATA.

Dirades latifusciata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, figs. 12, 12a, 6, (1887).
Ceylon.

3061. DIRADES LILACINA.

Dirades lilacina, Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 4, (1887). Ceylon.

3062. DIRADES MULTISTRIGARIA.

Dirades multistrigaria, Moore, Descr. Ind. Lep. Atk., p. 260, (1887). Darjiling.

3063. DIRADES OBSCURARIA.

Dirades obscuraria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 6, (1887). Ceylon,

3064. DIRADES PALACA.

Erosa palaca, Walker, Cat. Lep. Het. B. M. xxiii, p. 849, (1861). *Divades palaca*, Moore, Lep. Ceyl. iii, p. 401, pl. 186, fig. 2, (1887). Ceylon.

3065. DIRADES PARVULA.

Dirades parcula, Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 5, (1887). Ceylon.

3066 DIRADES PRUNARIA.

Dirades pranaria, Moore, Lep. Ceyl. iii, p. 400, (1887). Ceylon.

3067. DIRADES QUADRICAUDATA.

Evosia quadricandata, Walker, Cat. Lep. Het. B. M., xxiii, p. 847, (1861).

Moore, Lep. Ceyl. iii, p. 461, pl. 186, figs. 1, 1a, (1887).

Erosia varisaria, Walker, Ioc. cil., xxiii, p. 848, (1861), and xxvi, p. 1757, (1862).

Collection Swinhoe, Sibsaghar, Andaman Islands. Also recorded from Canara and Ceylon.

3068. DIRADES RETICULATA.

Dirades reticulata, Moore, Deser. Ind. Lep. Atk., p. 259, (1887). Darjiling.

3069. DIRADES RHAGAVATA.

Erosia rhogavata, Walker, Cat. Lep. Het. B. M., xxiii, p. 848, (1861).

Moore, Lep. Ceyl. iii, p. 402, pl. 186, lig. 3, (1887).

Ceylon.

3070. DIRADES RUPTARIA.

Dirades ruptaria, Moore, Descr. 1nd. Lep. Atk., p. 259, (1887). Calcutta.

Genus Hastina.

3071. HASTINA CERULEOLINEATA.

Hastina carulcolineata, Moore, Descr. Ind. Lep. Atk., p. 260, (1887). Darjiling.

Genus Gathyna.

3072. GATHYNA MIRARIA.

Gathyna miraria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1639, (1862).

Moore, Lep. Ceyl, iii, p. 398, pl. 187, fig. 4, (1887).

Collection Swinhoe, Pangi, Bombay, Nilgiri Hills.

Also recorded from Ceylon.

FAMILY EUSCHEMIDÆ.

Genus Euschema.

3073. Euschema abrupta.

Euschema abrupta, Walker, Trans. Ent. Soc. Lond., 3rd Ser. i, 70, (1862-64).

Cat. Lep. Het. B. M., xxxi, p. 172, (1864).

3074. Euschema andamana.

1. M., Andaman Islands (purchased). Collection Swinhoe, Andaman Islands.

3075. Euschema andersoni.

Euschema andersoni, Moore, Journ. Linn. Soc. Loud. Zool. xxi, p. 56,(1886). Mergui.

3076. Euschema aurtlimbata.

Euschema aurilimbata, Moore, Proc. Zool. Soz. Lond., 1878, p. 846.

1. M., Mergui (Anderson).

Also recorded from Tenasserim.

3077. Euschema Bellissima.

Euschema bellissima, Moore, Proc. Zool. Soc. Lond. 1879, p. 414

Lep. Ceyl. iii, p. 423, pl. 189, figs. 1, 1 a, b, 2, (1887).

Ceylon.

Allied to E. subrepleta (Walker), from Borneo.

3078. Euschema bellona.

Euschema bellona, Walker, Cat. Lep. Het. B. M., ii, p. 405, (1854). I. M., Mergui (Anderson). Collection Swinhoe, Burma.

3079. Euschema discalis.

Easchema discalis, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 333, (1859).

India, Penang.

3080. EUSCHEMA EXCUBITOR.

Euschema excubitor, Moore, Proc. Zool. Soc. Loud. 1878, p. 846.

Butler, Ann. Nat. H. (5) xvi, p. 347, (1885).

Assam, Tenasserim.

3081. Euschema Horsfieldi.

I. M., Tavoy (Moti Ram). Also recorded from Tenasserim.

3082. Euschema lunulata.

Euschema lunulata, Butler, Ann. Nat. Hist., (5), xx, p. 375, (1882).

Moore, Journ. As. Soc. Beng, vol. 55, pt. 2, No. 1, (1868), p. 100.

I. M., Nicobar Islands (De Niceville, also purchased), Tavoy (Moti Ram).

Also recorded from Tenasserim.

3083. Euschema Malayana.

Hazis malayanus, Guér., Delessert, Hist. Nat., p. 89, pl. 23, fig. 2, (1843).*

Euschema malayanus, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).

Euschema malayana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Kanara, Khandalla, Matheran.

Also recorded from Malay and Borneo.

3084. Euschema militaris.

Phalana militaris, Linn., Mus Lud. Ulr. 375, (1761).

Syst. Nat. Edit. xii, ii, p. 811, No. 12, (1767).

Roës., Ins. iv., pl. 6, fig. 3.*

Gmel., Ed., Syst. Nat., i, 5, 2407, 12.*

D'Aubent, Miscell., pl. 67, fig. 1.*

Phalana militaris, Cram., Pap. Exot. i, pl. 29, fig. B, (1775).

Bombyx militaris, Fab., Syst. Ent. p. 559, No. 12, (1775).

Sp. Ins. ii, p. 171, No. 22, (1781).

Mant. Ins. ii, p. 110, No. 25, (1787).*

Oliv., Enc. Meth. Ins. v. 32, 32, pl. 70, fig. 5.*

Euschema militaris, Walker, Cat. Lep. Het. B. M. ii, p. 405, (1854).

Hübn., Verz. Bek. Schmett. p. 175, No. 1803, (1816).

Butler, Ann. Nat. Hist. (5), xvi, (1885), p. 347.

Moore, Proc. Zool. Soc. Lond. 1878, p. 846.

Cat. Lep. Mus. E. J. C. ii, 333, (1859).

Journ. As. Soc. Beng., vol. 55, pt. 2, No. 1, (1866), p. 99.

Hazis militaris, Boisd., Voy. de l' Astrolabe, pt. i, Lep. 203, 1, (1832).

Feisthamel, Voy. de la Favorite, Suppl. 20.*

I. M., Sibsaghar, Shillong, Cachar, Mergui (Anderson), Cherra pungi, Sylhet, Naga Hills, Sikkim (purchased), Khasi Hills, Nancowry (purchased), Tavoy (Moti Ram).

Collection Swinhoe, Burma, Darjiling, Nicobar Islands, Andaman Islands, Matheran.

3085. EUSCHEMA NIGRESCENS.

Euschema nigrescens, Moore, Descr. Ind. Lep. Atk. i, p. 20, (1879). Darjiling.

3086. EUSCHEMA PALMYRA.

Phalana (Bombyx) palmyra, Stoll., Suppl. Cramer, Pap. Exot. v, p. 159, pl. 36, fig. 1, (1791).

Euschema palmyra, Hübn., Verz. Schmett. p. 175, No. 1804, (1816).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Cystidia (?) palmyra, Walker, Cat. Lep. Het. B. M. ii, p. 342, (1854).

I. M., Matheran.

Collection Swinhoe, Wynaad, Calicut, Matheran, Khandalla. Also recorded from Tranquebar.

3087. Euschema Proba.

Darjiling, Borneo.

3088. EUSCHEMA PRUNICOLOR.

Euschema prunicolor, Moore, Proc. Zool Soc. Lond. 1879, p. 414.

Lep. Ceyl. iii, p. 423, pl. 189, fig. 2, 3, (1887).

Ceylon.

3089. Euschema sodalis.

Euschema sodalis, Moore, Journ, As. Soc. Beng. vol. 55, pt. ii, No. 1, (1886), p. 99.

I. M., Tavoy and Buxa (Moti Ram), Sikkim (purchased; also Barnes), Sibsaghar (Peal).

3090. Euschema subrepleta.

Euschema subrepleta, Walker, Cat. Lep. Het. B. M. ii, p. 406, (1854). I. M., Mergui (Anderson). Also recorded from Ceylon and Borneo.

3091. Euschema Transversa.

I. M., Sikkim (Atkinson). Also recorded from Ceylon.

Genus Cusuma.

3092. Cusuma limbata,

Cusuma limbata, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.

Lep. Ceyl. iii, p. 424, pl. 189, fig. 5, 2, (1887).

Ceylon.

Allied to C. vilis.

3093. Cusuma vilis.

Euschema vilis, Walker, Cat. Lep. Het. B. M. ii, p. 408, (1854), Cusuma vilis, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.

Lep. Ceyl. iii, p. 424, pl. 189, fig. 4, 5, (1887). Ceylon.

Genus Milionia.

3094. MILIONIA GLAUCA.

Phalana glauca, Cramer, Pap. Exot. iv, pl. 358, fig. D. (1781).

Milionia glauca, Walker, Cat. Lep. Het. B. M. ii, p. 365, (1854); and vii,
p. 1656, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Epidesma pyrrho, Hübn., Verz. Bek. Schmett, p. 176, No. 1821, (1816).

Collection Swinhoe, Tenasserim.

Also recorded from Amboina.

3095. MILIONIA LATIVITTA.

Milionia lativitta, Moore, Proc. Zool. Soc. Lond., 1872, p. 570. Sikkim.

3096. MILIONIA PULCHRINERVIS.

Milionia pulchrinervis, Felder & R. Reise, Novara, pl. 104, fig. 6, 9, (1868).

Sikkim.

3097. MILIONIA PYROZONIS.

I. M., Tavoy (Moti Ram). Collection Swinhoe, Sikkim.

3098. MILIONIA ZONEA.

Milionia zonea, Moore, Proc. Zool. Soc. Lond., 1872, p. 569.

Journ. As. Soc. Beng., vol. 55, pt. ii, No. 3, (1884), p. 234.

I. M., Sikkim (purchased; also Barnes), Sibsaghar, Cachar (Wood-Mason).

Allied to M. pyrozonis:

Genus Celerena.

Genus Celerena.
3099. CELERENA ANDAMANA.
Celerena andamana, Felder & R. Reise, Novara Lep. iv, pl. 130, fig. 18,
I. M., Andaman Islands (purchased). Collection Swinhoe, Tenasserim, Andaman Islands.
3100. Celerena divisa.
Celerena divisa, Walker, Trans. Ent. Soc. Lond., 3rd ser. i, 72, (1862-61). Cat. Lep. Het. B. M. xxxi., p. 166, (1864). Butler, Ill. Typ. Lep. Het. B. M. vi, p. 48, pl. 113, fig. i, (1886).
I. M., Sibsaghar, (Peal), Sikkim (Barnes). Collection Swinhoe, Darjiling.
Genus Panæthia.
3101. PANETHIA INIDICOLOR.
Panathia iridicolor, Butler, Ann. Nat. Hist. (5), vi. (1880), p. 227. Hl. Typ. Het. B. M. vi, p. 49, pl. 113, fig. 3, (1886).
I. M., Sikkim (purchased). Collection Swinhoe, Sikkim.
FAMILY URAPTERYDÆ.
. Genus Urapteryx.
3102, URAPTERYX EBULFATA.
Urapteryx ebulcata, Guén., Phal. i, p. 32, 7, (1857)* ———————————————————————————————————
Kashmir, Sikkim. (1873).
3103. URAPTERYX CLARA.
Urapteryx clara, Butler, Ann. Nat. Hist. (5), vi. p. 120, (1880). Journ, Linn. Soc. Lond., 1883, p. 199. Ill. Typ. Lep. Het. B. M. vi, p. 50, pl. 113, fig. 6, (1886).
NE. Himalayas. Allied to <i>U. multistrigaria</i> .

3104. URAPTERYX (?) FALCATARIA.

Urapteryx (?) falcataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 613. Darjiling.

3105. URAPTERYX MARGARITATA.

Urapteryx margaritata, Moore, Proc. Zool. Soc. Lond. 1867, p. 612. Bengal.

3106. URAPTERYX MULTISTRIGARIA.

Urapteryx multistrigaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1535, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
Butler, Journ. Linn. Soc. Lond., 1883, p. 198.

I. M., Kulu (Young), Shillong, Darjiling, N. Khasi Hills, Simla.

Collection Swinhoe, Pangi, Solun.

Allied to U. ebulcata.

3107. URAPTERYX PICTICAUDATA.

Urapteryx picticaudata, Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860), and xxxv, p. 1535, (1866), Urapteryx sciticaudaria, Walker, loc. cit. xxvi, p. 1480, (1862), Meore, Proc. Zool. Soc. Lond. 1867, p. 612.

Butler, Journ. Linn. Soc. Lond. 1883, p. 198, Ill. Typ. Lep. Het. B. M. vi, p. 50, pl. 113, fig. 5, (1886).

Collection Swipless Desiring

1. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Borneo.
Allied to U. ebuleata.

3108. URAPTERYX PODALIRIATA.

Urapteryx podaliriata, Guén., Phal. i, p. 32, (1857).*

Walker, Cat. Lep. Het. B. M, xx, p. 12, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 612, and
1878, p. 850.

Butler, Journ. Linn. Soc. Lond. 1883, p. 199.

Sylhet, Moulmein, Tenasserim, Java.

3109. URAPTERYX PRIMULARIS.

Urapteryx primularis, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 49, pl. 113, fig. 4, (1886).
Urapteryx picticaudata, Butler (nec Walker), Journ. Linn. Soc. Lond. xvii, p. 198, (1883).

Nepal, Darjiling.

3110. URAPTERYX QUADRIPUNCTATA.

Urapteryx quadripunctata, Moore, Proc. Zool. Soc. Lond. 1867, p. 613. Bengal.

3111. URAPTERYX YERBURII.

Urapteryx yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.

Collection Swinhoe, Thundiani (Punjab).

Also recorded from Murree.

Allied to U. clara.

Genus Xeropteryx.

3112. XEROPTERYX COLUMBICOLA.

Urapteryx columbicola, Walker, Cat. Lep. Het. B. M., xx. p. 11, (1860). Xeropteryx columbicola, Butler, Journ. Linn. Soc. Lond. 1883, p. 203. I. M., Sikkim (De Niceville).

Genus Sirinopteryx.

3113. SIRINOPTERYX RUFIVINCTATA.

Urapteryx rufivinctata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1747, (1862), and xxxv, p. 1535, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

Sirinopteryx rufivinctata, Butler, Journ. Linn. Soc. Lond. 1883, p. 291.

I. M., Sikkim.

Collection Swiuhoe, Darjiling.

Genus Thinopteryx.

3114. THINOPTERYX CROCOPTERATA.

I. M., Darjiling (purchased), Tavoy (Moti Ram), Cachar (Wood Mason), Sibsaghar (Peal) Sylhet, Kulu (Young). Collection Swinhoe, Solun, Buxar, Darjiling.

(1886), p. 99.

3115. THINOPTERYX NEBULOSA.

I. M., Sibsaghar (Peal). Collection Swinhoe, Sikkim.

Allied to T. crocopterata and T. pratoraria.

3116. THINOPTERYX PRETORARIA.

Urapterys: praetoraria, Felder & R. Reise, Novara Lep iv. pl. 122, fig. 13. 3. (1873).

Thinopterys: praetoraria, Butler, Journ. Linn. Soc. Lond. 1883, p. 202.

Sylhet.

Genus Æschropteryx.

3117. ÆSCHROPTERYX TESTACEATA.

Charodes testuceata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615. Collection Swinhoe, Darjiling.

Genus Euchera.

3118. EUCHERA PITMANI.

Euchera pitmani, Moore, Journ. As. Soc. Beng., vol. 55, pt. i, No. 2, p. 99, (1886).

I. M., Tavoy (type Moti Ram).

3119. Euchera substigmaria.

Euchera substigmaria, Hübn., Zutr. Exot. Sch. 29, 260, fig. 519. 520, (1832).*

Moore, Proc. Zool. Soc. Lond., 1867, p. 613.

Cyclidia substigmaria, Guén., Phal. i, p. 63, 76, (1857).*

Walker, Cat. Lep. Het., B. M., xx, p. 56, (1860), and xxvi, p. 1482, (1862).

Abbraxas capitata, Walker, loc. cit. xxiv, p. 1121, (1862).

I. M., Sylhet, North Khasi Hills, Dunsiri, Silchar (Wood-Mason), Shillong, Sikkim (purchased), Sibsaghar (Peal), Buxar (Moti Ram), Kulu (Young), Mussoorie (Templeton).
 Collection Swinhoe, Solun, Sylhet, Malda.
 Also recorded from China.

Also recorded from China.

Genus Chorodna.

3120. CHORODNA ADUMBRATA.

Chorodna adumbrata, Moore, Deser. Ind. Lep. Atk., p. 235, (1887). Darjiling.

3121. CHORODNA DECOLORATA.

Cyclidia decolorata, Walker, Char. Undeser. Lep. Het. Lond. 1869, p. 96. Benares.

3122. CHORODNA EREBUSARIA.

Chorodna erebusaria,	Walker, Cat. Lep. Het. B. M., xxi, p. 314, (1860).
	Moore, Proc. Zool, Soc. Lond. 1867, p. 613.
	Butler, Ill. Typ. Lep. Het. B. M., vi, p. 62, pl. 115.
	fig. 9, (1886).

I. M., Shillong, Sikkim (purchased). Collection Swinhoe, Darjiling.

3123. CHORODNA METAPHEARIA.

Cyclidia metaphaaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1482, &, (1862), & xxxv, p. 1536, (1866).

CHORODNA METAPHEARIA—continued.

Chorodna metaphæaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 613.

Butler, Ill. Typ. Lep. Het. B. M., vi, p. 61, pl. 115, fig. 8, (1886).

Erebomorpha semiclusaria, Walker, loc. cit. xxvi, p. 1552, &, (1862).

I. M., Sikkim (Barnes), Yunan. Collection Swinhoe, Darjiling.

3124. CHORODNA MURICOLARIA.

Cyclidia muricolaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1483, 9, (1862).

Chorodna muricolaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3125. CHORODNA PALLIDULARIA.

Chorodna pallidularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 613. I. M., Sibsaghar (Peal), Sikhim (purchased), Buxar (Moti Ram). Collection Swinhoe, Darjiling.

3126. CHORODNA PLAGIDOTATA.

Cyclidia (1) plagidotata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1483. 2, (1862).

Chorodna plagidotata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3127. CHORODNA RECTATA.

Cyclidia rectata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1536, (1866). Chorodna rectata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614. Darjiling.

3128. CHORODNA RECTIFICATA.

Nelcynda rectificata, Walker, Cat. Lep. Het. B. M., xxiv, p. 1142, (1862).

Moore, Proc. Zool, Soc. Lond., 1867, p. 651.

Cyclidia patulata, Walker, loc. cit., xxxv, p. 1537, (1866).

Chorodna patulata, Moore, Proc. Zool, Soc. Lond., 1867, p. 614.

I. M., Sikkim (purchased, also Barnes).

Collection Swinhoe, Darjiling.

3129. Chorodna velpinaria.

Chorodna vulpinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614. Collection Swinhoe, Darjiling.

Genus Dalima.

3130. DALIMA APICATA.

Dalima apicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615, pl. 32, fig. 4. I. M., Sikkim (purchased).

3131. DALIMA PATNARIA.

Dafima patnaria, Felder & R. Reise, Novara, pl. 122, fig. 12, &, (1873). Darjiling.

3132. DALIMA SCHISTACEARIA.

Dalima schistaccaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 615. I. M., Darjiling.

Genus Kalabana.

3133. KALABANA ALBIFERA.

Kalabana albifera, Moore, Proc. Zool. Soc. Lond., 1879, p. 415. Kulu.

FAMILY ENNOMIDÆ.

Genus Lagyra.

3134. LAGYRA (?) ABSTRACTARIA.

Lagyra ! abstractaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862). India.

3135. LAGYRA HUMIFERATA.

Lagyra humeriferata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1484, (1862). South India,

3136. LAGYRA MEGASPILA.

Lagyra megaspila, Moore, Proc. Zool. Soc. Lond., 1867, p. 616. Bengal.

3137. LAGYRA RIGUSARIA.

Lagyra rigusaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862).

Moore, Proc. Zool. Soc. Lond., 1867, p. 616.

Kanara.

3138. LAGYRA SUCCESSARIA.

Lagyra successaria, Walker, Cat. Lep. Het. B. M., xx, p. 60, ♀, (1860).

Chizala decipiens, Walker, loc. cit. xx, p. 263, ♂, (1860).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 852, and 1886, p. 454.

I. M., Ranchi (Irvine), Poona (Swinhoe). Collection Swinhoe, Poona, Mhow.

3139. LAGYRA TALACA.

Lagyra talaca, Walker, Cat. Lep. Het. B. M., xx, p. 59, (1860), ♀.

I. M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sikkim, Ceylon, Poona.

Also recorded from Celebes and the Philippine Islands.

Genus Drepanodes.

3140. Drepanodes argentilinea.

Drepanodes argentilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 617. Bengal.

3141. Drepanodes fenestraria.

Drepanodes fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 618. Bengal.

3142. Drepanodes quinaria.

Drepanodes quinaria, Moore, Proc. Zool. Soc. Lond, 1867, p. 618. Bengal.

3143. DREPANODES TRILINEARIA.

Drepanodes trilinearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618. Darjiling.

Genus Caustoloma.

3141. CAUSTOLOMA ACUTIPENNIS.

Caustoloma acutipennis, Moore, Deser. Ind. Lep. Atk., p. 230, pl. 8, fig. 7, (1887).

Darjiling.

3145. CAUSTOLOMA ENNOMOSARIA.

Hyperythra ennomosaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498. (1862).Caustoloma ennomosaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 619. Sikkim.

Genus Hyperythra.

3146. HAPERYTHRA ANGULIFASCIA.

Hyperythra angulifuscia, Moore, Proc. Zool. Soc. Lond , 1878, p. 851, pl. 53, fig. 11.

Tenasserim.

3147. HYPERYTHRA ENNOMARIA. Hyperythra ennomaria, Guén. Phal. i, 103, 157, (1857).* —— Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860). Bengal. 3148. HYPERYTHRA LUTEA. Phalana (Geometra) lutea, Cram., Pap. Exot. iv, pl. 370, figs. C, D. (1781).Huperythra lutea, Moore, Proc. Zool. Soc. Lond., 1877, p. 620. ---- Lep. Ceyl. iii, p. 393, pl. 185, figs. 6, 6a, (1886). Hyperythra lutcata, Moore, loc. cit., 1867, p. 619. Phalana flacaria (?), Fabr., Mant. Ins. ii, p. 187, No. 32, (1787). Phalana flavata, Fabr., Ent. Syst. iii, 2, p. 169, No. 115, (1794). Gmel., Ed Syst. Nat. i, 5, 2460, 659.* Hyperythra limbolaria, Guén., Phal. i, 101, 153, pl. 3, figs. 3, 4, 9, (1857).* Aspilates suscepturia, Walker, loc. cit. xxxv, p. 1064, Q, (1866). I. M., Sikkim (Barnes), Sibsaghar (Peal), Buxar (Moti Ram), Kulu (Young), Ranchi (Irvine), Bombay (Swinhoe). Collection Swinhoe, Solun, Umballa, Campbellpur, Bombav, Poona. Also recorded from Andaman Islands, Ceylon, Java, China and Africa. 3149. Hyperythra (?) NIGUZARIA. Hyperythra (?) niguzaria, Walker Cat. Lep. Het. B. M., xx, p. 129, (1860). —— Moore, Proc. Zool. Soc. Lond. 1867, p. 619. Sylhet. 3150. Hyperythra Phantasma. Hyperythra phantasma, Butler, Proc. Zool. Soc. Lond. 1881, p. 615, and 1886, p. 388. —— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, and 1885, p. 852. Collection Swinhoe, Karachi. 3151. Hyperythra (?) Riobearia. Hyperythra (?) riobearia, Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860). Collection Swinhoe, Sikkim, Nilgiri Hills. Also recorded from Nepal. 3152. HYPERYTHRA SPURCATARIA. Hyperythra spurcataria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498, (1862).— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Collection Swinhoe, Darjiling.

3153. HYPERYTHRA SWINHOEL.

Collection Swinhoe, Karachi, Mhow.

3154. HYPERYTHRA TRILINEATA.

Hyperythra trilineata, Moore, Proc. Zoo. Soc. Lond. 1867, p. 619. Bengal.

3155. HYPERYTHRA VITTICOSTATA.

Hyperythra vitticostata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1497, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Darjiling.

Genus Angerona.

3156. ANGERONA CESSARIA.

Boarmia cessaria, Walker, Cat. Lep. Het. B. M., xxi, p. 383, (1860).

Angerona cessaria, Moore, Lep. Ceyl. iii, p. 390, pl. 185, figs. 7, 7a, 3, 9, (1886).

Angerona praeclararia, Walker, loc. cit. xxvi, p. 1499, (1:62). Ceylon, Kanara.

3157. Angerona (?) criesaria.

Melinoessa cræsaria, Herr Schäff., Samm. Auss. Schmett. fig. 370, (1850-69).

Angerona (?) cræsaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1501, (1862).

Sylhet.

3158, ANGERONA PALLICOSTARIA.

Angerona pallicostaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620. I. M., Sikkim (purchased). Collection Swinhoe, Darjiling.

Genus Panisala.

3159. PANISALA TRUNCATARIA.

Panisala truncataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620. Bengal.

Genus Eurymene.

3160. EURYMENE INUSTARIA.

Eurymene inustaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620. Bengal.

Genus Odontoptera.

3161. ODONTOPTERA CHALYBEATA.

Odontoptera chalybeata, Moore, Proc. Zool. Soc. Lond., 1872, p. 580, pl. 31, fig. 4.

I. M., Sikhim (purchased). Allied to O. discospilata.

3162. ODONTOPTERA DISCOSPILATA.

Odontoptera discospilata, Moore, Proc. Zool. Soc. Lond., 1867, p. 621.

I. M., Sikkim (Barnes).

Collection Swinhoe, Sikkim.

Genus Selonia.

3163. SELENIA CALCEARIA.

Hyperythra calcearia, Walker, Cat. Lep. Het. B. M., xx, p. 132, (1860).

Moore, Prec. Zool. Soc. Lond. 1867, p. 619.

I. M., Kulu (Young).

Collection Swinhoe, Solun.

3164. SELENIA DECORATA.

Selenia decorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 621, pl. 32, fig. 9. Collection Swinhoe, Darjiling.

3165. SELENIA DENTILINEATA.

Sclenia dentilineata, Moore, Descr. Ind. Lep. Atk., p. 228, (1887). Darjiling.
Allied to S. calcearia.

Genus Crocalis.

3166. CROCALIS ANGULARIA.

Croralis angularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 622. Collection Swinhoe, Kasaoli.

3167. CROCALIS BIVITTARIA.

Crocalis bivittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 622. Bengal.

3168. CROCALIS KAMETARIA.

Colotois kametaria, Felder & R. Reise, Novara, pl. 123, fig. 28, 3, (1873). Himalayas, Rampur.

3169. CROCALIS LENTIGINOSARIA.

Crocalis lentiginosaria, Mocre, Proc. Zool. Soc. Lond., 1867, p. 622. Bengal.

3170. Crocalis obliquaria.

Crocalis obliquaria, Moore, Proc. Zool. Soc. Lond , 1867, p. 622. Bengal.

3171. CROCALIS SIMILARIA.

Crocalis similaria, Moore, Descr. Ind. Lep. Atk., p. 227, (1887). Jarpling.

Allied to C. lentiginosaria.

Genus Ennomos.

3172. Ennomos (?) spilotelaria.

Ennomos (?) spilotelaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1519, (1862).

South India.

3173. Ennomos testacearia.

Ennomos testacearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 623.

I. M., India.

Collection Swinhoe, Darjiling.

3174. ENNOMOS VIRIDATA.

Ennomos viridata, Moore, Proc. Zool. Soc. Lond. 1867, p. 623. Bengal.

Genus Epione.

3175. EPIONE ADUSTATA.

Epione adustata, Moore, Descr. Ind. Lep. Atk., p. 229, pl. 8, fig. 20, (1887). Khasi Hills.

3176. EPIONE GYNOPTERIDIA.

Epione gynopteridia, Butler, Ann. Nat. Hist. (5), vi. (1880), p. 123.

Ill. Typ. Lep. Het. B. M. vi, p. 51, pl. 114, fig. 1, (1886).

North-East Himalayas.

3177. EPIONE OBLIQUILINEA.

Epione obliquilinea, Moore, Descr. Ind. Lep. Atk., p. 229, (1887). Darjiling.

Genus Endropia.

3178. Endropia albifrons.

Endropia albifrons, Moore, Descr. Ind. Lep. Atk., p. 229, (1887). Darjiling.

3179. Endropia anticleata.

Endropia anticleata, Moore, Descr. Ind. Lep. Atk., p. 229, (1887). Darjiling.

3180. Endropia basipuncta.

Endropia basipuncta, Moore, Proc. Zool. Soc. Lond., 1867, p. 621. Collection Swinhoe, Darjiling.

3181. ENDROPIA LUGENS.

Endropia lugens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.

Ill. Typ. Lep. Het. B. M. vi, p. 52, pl. 114, fig. 2, (1886).

Collection Swinhoe, Darjiling.

Genus Garæus.

3182. GARÆUS COSTATUS.

Garaus costatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114, fig. 4, (1886).

I. M., Sikkim (purchased).

3183. GARLEUS CRUENTATUS.

Garaus cruentatus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.

111. Typ. Lep. Het. B. M., vi, p. 52, pl. 114, fig. 3, (1886).

North-East Himalayas. Closely allied to G. (Endropia) mactans of Japan.

3184. GARAUS SPECULARIS.

Garaus specularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 623, pl. 32, fig. 3.

Collection Swinhoe, Darjiling.

Genus Lycimna.

3185. LYCIMNA POLYMESATA.

Lycimna polymesata, Walker, Cat. Lep. Het. B. M. xx, p. 215, (1860).

Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Sylhet.

Genus Erebomorpha.

3186. Erebomorpha fulguraria.

Erchomorpha falguraria, Walker, Cat. Lep. Het. B. M. xxi, p. 495, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 85, pl. 120, fig. 2, (1886).

I. M., Sikkim (purchased). Collection Swinhoe, Darjiling.

3187. Erebomorpha fulgurita.

Erebomorpha fulgurita, Walker, Cat. Lep. Het. B. M. xxi, p. 495, (1860). - Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

J. M., Sikkim (purchased, also Barnes). Collection Swinhoe, Sikkim.

3188. EREBOMORPHA PRÆTEXTATA.

Erebomorpha prætextata, Felder & R. Reise, Novara, pl. 126, fig. 16, 3, (1874).Darjiling.

3189. EREBOMORPHA XANTHOSOMA.

Erebomorpha xanthosoma, Felder & R. Reise, Novara, pl. 126, fig. 17, &, (1874).Darjiling.

Genus Orsonoba.

3190. Orsonoba clelia.

Phaliena clelia, Cram., Pap. Exot. iii, p. 172, pl. 288, figs. B, C. (1780). Ayelena clelia, Walker, Cat. Lep. Het. B. M. xx, p. 195, (1860). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852. Orsononoba clelia, Moore, Lep. Ceyl., iii, p. 395, pl. 187, fig. 2, 9. Gorodontis cleliaria, Hübner, Verz, Bek. Schmett, p. 287, (1818-25). Collection Swinhoe, Bombay. Also recorded from Australia and Ceylon,

3191. ORSONOBA PALLIDA.

Orsonoba pallida, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125. -- Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114, fig. 5, (1886). I. M., Sikkim (purchased).

3192. Orsonoba Rajaca.

Orsenoba rajaca, Walker, Cat. Lep. Het. B. M. xx, p. 219, (1860). ---- Moore, Lep. Ceyl. iii, p. 395, pl. 187, figs. 1, 1a, b, (1887). -

Ceylon.

Genus Pyrinia.

3193. Pyrinia martiata.

Crocopteryx martiata, Guén., Phal. i, 74, pl. 5, fig. 8, (1857). Pyrinia martiata, Walker, Cat. Lep. Het. B. M. xx, p. 89, (1860). India, Borneo, Java.

3194. Pyrinia Patalata.

Heterolocha patalata, Felder & R. Reise, Novara, pl. 132, figs. 9, 9a 3, (1874).

Himalayas, Rampur.

3195. Pyrinia phienicotæniata.

Aspilates phænicotæniata, Kollar, Hüg. Kasch. iv, p. 487, (1848). Heterolocha phænico-tæniata, Felder & R. Reise, Novara, pl. 133, figs. 6, 6a, 3, (1874).

(?) Pyrinia phanico-taniata, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.

I. M., Sibsaghar (Peal).

Collection Swinhoe, Solun.

Genus Scardamia.

3196. SCARDAMIA METALLARIA.

Scardamia metallaria, Guén., Phal. i. p. 89, 134, (1857).

Walker, Cat. Lep. Het. B. M. xx, p. 112, (1860),
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852.

Moore, Lep. Ceyl. iii, p. 391, pl. 185, fig. 2, 3, (1886).

Laginia bractearia, Walker, loc. cit., xx, p. 245, (1860). Scardamia taprobanes, Felder & R. Reise, Novara, v, pl. 123, fig. 2, (1873). Collection Swinhoe, Solun, Travancore, Poona, Bombay. Also recorded from Ceylon.

Genus Venilia.

3197. VENILIA HIMALAYICA.

Ennomos himalayica, Koll., Hüg. Kasch. 485, (1848).

Venilia himalayata, Guén., Phal. i. 113, 174, (1857).

Walker, Cat. Lep. Het. P. M., xx, p. 141, (1860).

Collection Swinhoe, Solun, Darjiling.

Genus Entomopteryx.

3198. ENTOMOPTERYX AMPUTATA.

Entomopteryx amputata, Guéa., Phal. i, 171, 271, pl. 3, fig. 7, (1857).

Walker, Cat. Lep. Het. B. M., xx, p. 202, (1869).

India (?)

Genus Caberodes.

3199. CABERODES ACHROMARIA.

Cuberodes achromaria, Guén., Phal. i, 136, 211, (1857).

Walker, Cat. Lep. Het. B. M., xx, p. 171, (1860).

North India.

Genus Poricallia.

3200. Pericallia olivescens.

Pericallia olivescens, Moore, Descr. Ind. Lep. Atk., p. 228, (1887). Darjiling.

3201. PERICALLIA SIKKIMA.

Pericallia sikkima, Moore, Descr. Ind. Lep. Atk., p. 228, (1887). Darjiling.

Genus Deva.

3202. DEVA (?) INORNATA.

Deva (?) inornata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 848, (1865). I. M., Mussouri (Templeton). Collection Swinhoe, Solun.

Genus Peetula.

3203. PEETULA EXANTHEMATA.

Pectula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 231, (1887). Darjiling.

FAMILY OXYDIDÆ.

Genus Marcala.

3204. MARCALA FLAVIFUSATA.

Marcala flavifusata, Moore, Descr. Ind. Lep. Atk., p. 231, pl. 8, fig. 6, (1887).

Darjiling.

3205, MARCALA GALBULATA.

Numeria galbulata, Felder & R. Reise, Novara, pl. 153, figs. 20, 20a, 3, (1874).

Marcala galbulata, Moore, Lep. Ceyl. iii, p. 404, pl. 185, fig. 5, (1887).

Collection Swinhoe, Ceylon.

3206. MARCALA IGNIVORATA.

Marcala ignivorata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1764, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

Cherrapunji.

3207. MARCALA IRRORATA.

Marcala irrorata, Moore, Descr. Ind. Lep. Atk., p. 232, (1887). Darjiling.

3208. MARCALA OBLIQUARIA.

Marcala obliquaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887). Darjiling.

3209. MARCALA PLAGIATA.

Geometra plagiata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1601, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Darjiling.

3210. MARCALA SATURATARIA.

Geometra saturataria, Walker, Cat. Lep. Het. B. M., xxii, p. 519, (1861). Marcala saturataria, Moore, Lep. Ceyl. iii, p. 405, pl. 204, fig. 4, (1887).

1. M., Sibsaghar (Peal), Sikkim (purchased), Andaman Islands (purchased), Buxar (Moti Ram).

Collection Swinhoe, Sylhet, Sikkim, Buxar, Sibsaghar.

3211. MARCALA SULPHURESCENS.

Marcala sulphurescens, Moore, Lep. Ceyl. iii, p. 405, pl. 185, fig. 8, (1887).

Collection Swinhoe, Ceylon.

3212. MARCALA USTA.

Geometra usta, Walker, Cat. Lep. Het. B. M., xxxv, p. 1602, (1866).

Moore, Proc. Zool. Soc. Lond, 1867, p. 636.

Darjiling.

Genus Oxydia.

3213. OXYDIA VULPINARIA.

Oxydia vulpinaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887). Darjiling.

Genus Metoxydia.

3214. METOXYDIA CALAMINA.

Oxydia calamina, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 121. Mctoxydia calamina, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 55, pl. 114, fig. 7, (1886).

Darjiling.

Genus Phonix.

3215. PHENIX IRIS.

Phonix iris, Butler, Ann. Nat. Hist. (1880), (5) vi, p. 122.

Ill. Typ. Lep. Het. B. M., vi, p. 57, pl. 114, fig. 11, (1886).

Collection Swinhoe, Sikkim.

Genus Omiza.

3216. OMIZA AFFINIS.

Omiza affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 621. I. M., Andaman Islands (purchased).

Allied to O. pachiaria.

3217. OMIZA PACHIARIA.

Omiza pachiaria, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860) and xxvi, p. 1523, (1862).

OMIZA PACHIABIA-continued.

Omiza pachiaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Butler, Ill. Typ. Lep. Het. B. M., vi, p. 56, pl. 114, figs. 9 & 10, (1886).

I. M., Sikkim (purchased, also Barnes), Andaman Islands (purchased).
 Collection Swinhoe, Darjiling, Kulu.

3218. OMIZA PATULARIA.

Omiza patularia, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860). Collection Swinhoe, Solun, Sikkim.

3219. OMIZA SCHISTACRA.

Omiza schistacea, Moore, Proc. Zool. Soc. Lond. 1878, p. 851, pl. 53, fig. 12. Tenasserim.

Gems Litbada.

3220. LITBADA SERICEARIA.

Lithada serivaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1571, (1866).

Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Lithada sericaria (sie), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 54, pl. 113, fig. 7, (1886).

Sylhet.

Genus Ellopia.

3221. ELLOPIA PULCHRA.

Ellopia pulchra, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.

11l. Typ. Lep. Het. B. M. vi, p. 56, pl. 114, fig. 8, (1886).

North-East Himalayas.

FAMILY ENOCHROMIDE.

Genus Decetia.

3222. DECETIA ABSTRACTARIA.

Decetia (?) abstractaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1559, (1866).

India.

3223. DECETIA ARENOSA.

Decetia arenosa, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 121.

Ill. Typ. Lep. Het. B. M. vi, p. 58, pl. 113, fig. 9, (1886).

North-East Himalayas.

3224. DECETIA CAPETUSARIA.

Decetia capetusaria, Walker, Cat. Lep. Het. B. M. xx, p. 233, (1860).

Moore, Proc. Zool. Soc. Lond., 1867, p. 618.

Drepanodes (?) circulitaria, Walker, loc. cit. xxvi, p. 1489, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Sylhet.

3225. Decetia lunuliferata.

Decetia lunuliferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1522, (1862). Kanara.

3226. Decetia Pallida.

Decetia pallida, Moore, Descr. Ind. Lep. Atk., p. 232, pl. 8, fig. 1, (1887). Calcutta.

3227. DECETIA RUFIFRONTATA.

Auzea rufifrontata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1487, (1862).

Decetia rufifrontata, Butler, Ill. Typ. Lep. Het. B. M. vi, pl. 173, fig. 10, (1886).

I. M., Sikkim (purchased, also De Niceville). Collection Swinhoe, Sikkim.

3228. Decetia subobscurata.

Gynopteryx (?) subobscurata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1495, (1862).

South India.

Genus Noreia.

32:9. Noreia ajaia.

Timandra ajaia, Walker, Journ. Linn. Soc. Lond. Zool. iii, p. 195, (1859). Noreia ajaia, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 3, (1887). Noreia perdensata, Walker, Cat. Lep. Het. B. M. xxiv. p. 1092, (1862). Decetia posticata, Walker, loc. cit. xxxv, p. 1557, (1886). Collection Swinhoe, North Kanara.

Also recorded from Ceylon, Singapore, Java.

3230. Noreia cervinaria.

Noreia cervinaria, Moore, Deser. Ind. Lep. Atk., p. 233, (1887). Darjiling.

3231. Noreia flava.

Noreia flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 2, (1887). Darjiling.

3232. Noreia inamata.

Acidalia inamata, Walker, Cat. Lep. Het. B. M. xxii, p. 755, (1861) Noreia inamata, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 4, (1887). Acidalia simpliciaria, Walker, loc. cit. xxiii, p. 793, (1861). Noreiah (?) luciferata, Walker, loc. cit. xxiv, p. 1693, (1862). Ceylon.

3233. NOREIA SERICEA.

Noreia sericea, Butler, Ann. Nat. Hist. (5). vi, (1880), p. 225.

Ill. Typ. Lep. Het. B. M. vi, p. 82, pl. 119, fig. 8, (1886).

I. M., Darjiling. Collection Swinhoe, Darjiling.

Genus Sarcinodes.

3234. SARCINODES ÆGROTA.

Auxima restitutaria, var. ægrota, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125.
Sarcinodes ægrota, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60, pl. 115, figs. 3 & 4, (1886).

Darjiling.

3235. SARCINODES ÆQUILINEARIA.

Mergana aquilinearia, Walker, Cat. Lep. Het. B. M. xxi. p. 292, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

Sarcinodes equilinearia (sic), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60
pl. 115, figs. 5 & 6, (1886).

Auxima trilineata, Walker, loc. cit. xxxv, p. 1576, (1866).

I. M., Sikkim (purchased).

Collection Swinhoe, Sylhet, Sikkim.

3256. SARCINODES CARNEARIA.

Sarcinodes carnearia, Guén., Phal. i, 188, 201, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 285, (1860).

Rosenstock, Ann. Nat. Hist. (5), xiv. (1884), p. 64.

Mergana bilineata, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Darjiling.

3237. SARCINODES DEBITARIA.

Auxima debitaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862).

Mergana debitaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Sarcinodes debitaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 114, fig. 12, (1886).

I. M., Sikkim (Barnes). Collection Swinhoe, Darjiling.

3238. SARCINODES LILACINA.

Surcinodes lilacina, Moore, Descr. Ind. Lep. Atk., p. 234, (1887). Cherrapunji.

3239. SARCINODES RESTITUTARIA.

Auxima restitutaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862), Mergana restitutaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 624. Sarcinodes restitutaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 115, figs. 1 & 2, (1886).

I. M., Sikkim (purchased). Collection Swinboe, Darjiling.

Genus Corotia.

3240. COROTIA CERVINARIA.

Corotia cervinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 625, pl. 32, fig. 10.

I. M., Sikkim. Collection Swinhoe, Darjiling.

Genus Chilkasa.

3241. CHILKASA FALCATA.

Chilkasa falcata, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 853. Collection Swinhoe, Bombay.

Geuus Auzea.

3242. AUZEA APICATA.

Auzea apicata, Moore, Proc. Zool. Soc. Lond., 1867, p. 617. Bengal.

3243. AUZEA RETICULATA.

Auzea reticulata, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 3, (1887).

Darjiling.

3244. Auzea torridaria.

Auzea torridaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 617. Bengal.

Genus Cimicodes.

3245. CIMICODES CASTANEARIA.

Cimicodes castanearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 616, pl. 32, fig. 1.

Collection Swinhoe, Darjiling.

3246. CIMICODES COSTALIS.

Cimicodes costalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 616. Bengal. 3247. CIMICODES CRUENTARIA.

Cimicodes cruentaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 616. Bengal.

3248. CIMICODES FLAVA.

Cimicodes flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 5, (1887). Cherrapunji.

3249. CIMICODES SANGUIFLUA.

Cimicodes sanguistua, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 4, (1887).

Cherrapunji.

FAMILY AMPHIDASYDE.

Genus Amphidasys.

3250. Amphidasys bengaliaria.

Amphidasys bengaliaria, Guén., Phal. i, 210, 314, pl. 4, fig. 2, (1857).

Walker, Cat. Lep. Het. B. M. xxi. p. 308, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

- 1. M., Shilloug, Sylhet, Sikkim (purchased, also Barnes).
- 3251. Amphidasys cladonia.

Amphidasys cladonia, Felder & R. Reise, Novara, pl. 125, fig. 13, 9, (1874).

Sylhet.

3252. Amphidasys contectaria.

Amphidasys contecturia, Walker, Cat. Lep. Het. B. M., xxvi, p. 1529, (1862).

Butler, Ill. Typ. Lep. Het. B. M., p. 60, pl. 115, fig. 7, (1886).

I. M., Shillong, Sikkim (purchased, also Barnes), Sylhet. Collection Swinhoe, Solun, Darjiling.

3253. Amphidasys regalis.

Amphidasys regalis, Moore, Descr. Ind. Lep. Atk., p. 234, (1887). Darjiling.

Genus Buzura.

3254. BUZURA MULTIPUNCTARIA.

Buzura multipunctaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1531, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

BUZURA MULTIPUNCTARIA—continued.

Buzura multipunctaria, Journ. As. Soc. Beng., vol. 53, pt. ii, No.3, (1884), p. 237.

I. M., Cachar (Wood-Mason), Calcutta, Buxar (Moti Ram), Sikkim (purchased, also Barnes), Sibsaghar (Peal). Collection Swinhoe, Solun, Sylhet.

3255. Buzura strigaria.

Buzura strigaria, Moore, Prec. Zool. Soc. Lond. 1879, p. 416.

Lep. Ceyl. iii, p. 407, pl. 188, figs. 1, 1a, b, c, (1887).

Ceylon.

Genus Cusiala.

3256. CUSIALA BOARMIOIDES.

Cusiala boarmioides, Moore, Descr. Ind. Lep. Atk., p. 234, (1887). Darjiling.

3257. Cusiala disterminata.

Boarmia (?) disterminata, Walker, Cat. Lep. Het. B. M. xxi, p. 401.8, (1860).

Cusiala disterminata, Moore, Lep. Ceyl. iii, p. 408, (1887).

Ceylon.

3258. Cusiala Raptaria.

Boarmia raptaria, Walker, Cat. Lep. Het. B. M. xxi. p. 373, (1860). Cusiala raptaria, Moore, Lep. Ceyl. iii, p. 403, (1887). Ceylon.

3259. Cusiala suiasasa.

Boarmia suiasasa, Walker, Cat. Lep. Het. B. M. xxi, p. 373, 3, (1860). Cusiala suiasasa, Moore, Lep. Ceyl. iii, p. 407, (1887). Ceylon.

FAMILY BOARMIDÆ.

Genus Medasina.

3260. MEDASINA CREATARIA.

Hemeroph	la creataria,	Guén.,	Phal.	i, p. 21	7, 321,	(1857).		
		Walker	, Cat.	Lep.	Het. 1	3. M. :	xxi, p. 31	8,
			(1	860).				
		Moore,	Proc.	Zool, S	Soc. Lor	id. 1867	, p. 625.	

I. M., Sikkim (Barnes). Collection Swinhoe, Darjiling, Sibsaghar, 3261. MEDASINA DISSIMILIS.

Medasina dissimilis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887). Darjiling.

3262. MEDASINA FRATERCULA.

Medasina fratercula, Moore, Descr. Ind. Lep. Atk., p. 236, (1887). Darjiling.

3263. MEDASINA INTERRUPTARIA.

Hemerophila interruptaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626. Bengal.

3261. MEDASINA MAURARIA.

Hemerophila mauraria,	Guen.,	Phal.	i, p. 218, 323, (1887)).		
	Walker	, Cat.	Lep. Het. B. M	. xxi,	p. 31	9, (18	60).
_	Moore,	Zool.	Soc. Lond., 186	7. p.	625.		•
	Felder	& R.	Reise, Novara,	pl.	126,	figs.	18,
			18a,				

(1874). Elphos (?) parisnatei, Walker, loc. cit. xxvi, p. 1515, (1862).

1. M., Sikkim.

Collection Swinhoe, Sylhet.

3265. MEDASINA PERSIMILIS.

Medasina persimilis, Moore, Descr. Ind. Lep. Atk., p. 236, (1887). Darjiling.

Allied to M. interruptaria.

3266. MEDASINA SIMILIS.

Medasina similis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887). Darjiling.

Allied to M. interruptaria.

3267. MEDASINA STRINARIA.

Hemerophila strixaria, Guén., Phal. i, 217. 312, (1887).

Walker, Cat. Lep. Het. B. M., xxi, p. 318, (1860).

Moore, Proc. Zool. Soc. Lond., 1867, p. 625.

Medasina strixaria, Moore, Lep. Ceyl. iii, p. 400, pl. 190 f. 1, 1a, & & \$\frac{2}{3}\$, (1887).

I. M., Sibsaghar (Peal).

Collection Swinhoe, Sylhet.

Also recorded from Ceylon.

3268. MEDASINA VIRESCENS.

Hemerophila virescens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.

Ill. Typ. Lep. Het. B. M. vi, p. 62, pl. 116, fig. 1, (1886).

1. M., Sikkim (purchased).

Genus Menophra.

3269. MENOPHRA, CANIDORSATA.

Hemerophila canidorsata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1578, (1866).

Menophra canidorsata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 6, (1887).

Collection Swinhoe, Ceylon.

3270. MENOPHRA CONSPICUATA.

Menophra conspicuata, Moore, Descr. Ind. Lep. Atk., p. 237, (1887). Darjiling.

3271. MENOPHRA DEFICIENS.

Menophra deficiens, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 23, (1887).

Darjiling.

3272. MENOPHRA IMBECILIS.

Menophra imbecilis, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 7, 2, (1837)

Ceylon.

3273. MENOPHRA PALLIDARIA.

Menephra pallidaria, Moore, Deser. Ind. Lep. Atk., p. 237, (1887). Darjiling.

3274. MENOPHRA TORRIDARIA.

Menophra torridaria, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 27, (1887).

Darjiling.

3275. MENOPHRA VIALIS.

Menophra (?) vialis, Moore, Descr. Ind. Lep. Atk., p. 238, pl. 8, fig. 9, (1857).

Darjiling.

Genus Hemerophila.

3276. HEMEROPHILA ATROSTIPATA.

Scotosia atrostipata, Walker, Cat. Lep. Het. B. M., xxv, p. 1354, (1862).

Moore, Proc. Zool. Sec. Lond. 1867, p. 656.

Hemerophila atrostipata, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.

I. M., Sikkim.

Collection Swinhoe, Darjiling, Solun.

3277. HEMEROPHILA BASISTRIGARIA.

Hemerophila basistrigaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626. Collection Swinhoe, Darjiling.

3278. HEMEROPHILA CUPREARIA.

Hemerophila cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 626. Bengal.

3279. HEMEROPHILA HUMERARIA.

Hemerophila humeraria, Moore, Proc. Zool. Soc. Loud. 1867, p. 627. Bengal.

3280. Hemerophila jugorum.

Hemerophila jugorum, Felder & R. Reise, Novara, pl. 126, fig. 2, 2, (1874). Himalayas, Kyelang.

3281. Hemerophila nigrovittata.

Hemerophila nigrovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 626. Bengal.

3252. Hemerophila objectaria.

Boarmia objectaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1583, (1866). Hemerophila objectaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 625. Darjiling.

3283. HEMEROPHILA RETRACTARIA.

Hemerophila retracturia, Moore, Proc. Zool. Soc. Lond. 1867, p. 627, pl. 32, fig. 7.

I. M., Kulu.

Collection Swinhoe, Solun, Kulu.

3284. HEMEROPHILA SUBPLACIATA.

Hemorophila subplagiata, Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).

Himalayas.

Genus Calicha.

3285. CALICHA RETRAHENS.

Calicha retrahens, Moore, Descr. Ind. Lep. Atk., p. 236, (1887). Darjiling.

Genus Xandrames.

3286. XANDRAMES ALBOFASCIATA.

Xandrames alb fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 635, pl. 32, fig. 5.

Collection Swinboe, Solun.

3287. XANDRAMES DHOLARIA.

Xandrames dholaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 634.

I. M., Sikkim (purchased), Naga Hills.

Collection Swinhoe, Sikkim.

Genus Pseudocoremia.

3288. PSEUDOCOREMIA ALBIFERA.

Pseudocoremia albifera, Moore, Descr. Ind. Lep. Atk., p. 241, (1887). Darjiling.

3289. PSEUDOCOREMIA IMBECILIS.

Pseudocoremia imbecilis, Moore, Descr. Ind. Lep. Atk., p. 241, (1887). Darjiling.

3290. PSEUDOCOREMIA SEMIALBA.

Pseudocoremia semialba, Moore, Descr. Ind. Lep. Atk., p. 241, (1887). Khasi Hills, Darjiling.

3291. PSEUDOCOREMIA VARIEGATA.

Pseudocoremia variegata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887). Darjiling.

Genus Cleora.

3292. CLEORA ALBIDENTATA.

Cleura albidentata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629. Bengal.

3293. CLEORA CONIFERA.

Cleora conifera, Moore, Descr. Ind. Lep. Atk., p. 239, (1887). Darjiling.

3294. CLEORA DECUSSATA.

Cleora decussata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628, pl. 33, fig. 4. Darjiling.

3295. CLEORA DUPLEXA.

Cleora duplexa, Moore, Descr. Ind. Lep. Atk., p. 239, (1887). Darjiling.

3298. CLEORA OCHRIFASCIATA.

Cleora ochrifasciata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887). Darjiling.

3297. CLEORA FIMBRIATA.

Cleora fimbriata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628. Bengal.

3298. CLEORA IDÆOIDES.

Cleora idaoides, Moore, Descr. Ind. Lep. Atk., p. 239, (1887). Darjiling.

3299. CLEORA IRRORATA.

Cleora irrorata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887). Darjiling.

3300. CLEORA MEGASPILARIA.

Cleora megaspilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 629. Collection Swinhoe, Darjiling.

3301. CLEORA PANNOSARIA.

Cleora pannosaria, Moore, Proc. Zool. Sec. Lond. 1867, p. 629. Bengal.

3302. CLEORA RUFOMARGINATA.

Cleora rufomarginata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628. Bengal.

3303. CLEORA SEMICLARATA.

Sclidosema (?) semiclarata, Walker, Cat. Lep. Het. B. M., xxiv, p. 1029, (1862).

Cleora semiclarata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Scotosia quadrifera, Walker, loc. cit., xxxv, p. 1687, (1866).

Collection Swinhoe, Solun, Darjiling.

3304. CLEORA VENUSTULARIA.

Cleora venustularia, Walker, Cat. Lep. Het. B. M., xxxv, p. 1579, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 628.

I. M., Sikkim.

Genus Narapa.

3305. NARAPA ADAMATA.

Boarmia adamata, Felder & R. Reise, Novara, pl. 126, figs. 5, 5 a, 3, (1874).

Narapa adamata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 8, (1887).

Collection Swinhoe, Ceylon.

3306. NARAPA INDISTINCTA.

Narapa indistincta, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 5, (1887). Ceylon.

3307. NARAPA SIMILARIS.

Narapa similaris, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 9, (1887). Ceylon.

3308. NARAPA UMBRATA.

Narapa umbrata, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 10, (1887). Ceylon.

Genus Boarmia.

3309. Boarmia admissaria.

Boarmia admissaria, Guén., Phal. i. 239, 357, (1857).

Walker, Cat. Lep. Het. B. M., xxi, p. 369, (1860).

N. India.

3310. BOARMIA ALBIDARIA.

Boarmia albidaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1582, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

I. M., (?) Shillong, Sikkim.

Collection Swinhoe, Darjiling.

3311. Boarmia Bhurmitra.

Boarmia bhurmitra, Walker, Cat. Lep. Het. B. M., xxi, p. 381, (1860).

Moore, Lep. Ceyl. iii, p. 412, pl 191, fig. 2. 2, (1887).

Boarmia susceptaria, Walker, toc. cit. xxxv, p. 1584, \$\partial \text{, (1866)...}\$

Ceylon.

3312. BOARMIA CARINENTA.

Phalana carinenta, Cram., Pap. Exot. ii, 47, pl. 128, fig. F. (1779).

Phalana (Geometra) carinenta, Gmel. Ed., Syst. Nat. i, 5, 2454, 634.

Phalana carinata, Fabr., Sp. Ins. ii, 255, 78, (1781).

Mant. Ins. ii, 198, 118, (1787).

Ent. Syst. iii, pt. 2 169, 146, (1794).

Boarmia carinenta, Walker, Cat. Lep. Het. B. M. xxi, p. 370, (1860).

Dryocwtis carinentaria, Hübn., Verz. Schmett., 316, 3046, (1816).

Phalana carinentaria, Guén., Phal. i, 240, 358, (1857).

Coromandel.

3313. BOARMIA (?) CEYLONARIA.

Boarmia (?) ceylonaria, Neitner., Obs. Enemies of Coffee Tree, p. 33, (1861).

Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3314. BOARMIA COMBUSTARIA.

Gnophos combustaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1597, (1866). Boarmia combustaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631. Darjiling.

3315. BOARMIA CONCURSARIA.

Boarmia concursaria, Walker, Cat. Lep. Het. B. M., xxi, p. 377, (1860). N. India.

3316. BOARMIA CONTECTARIA.

Boarmia contectaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1537, (1862).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Poona.

3317. BOARMIA CONTIGUATA.

Boarmia contiguata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
I. M., Sikkim (purchased, also Barnes), Dunsiri.
Collection Swinhoe, Sylhet.
Allied to B. propulsaria (Walker) from Borneo.

3318. BOARMIA CORNARIA.

Boarmia cornaria, Guén., Phal. i, 254, 390, (1857). .

Walker, Cat. Lep. Het. B. M., xxi, p. 378, (1860).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854 and 1886, p. 454.

I. M., Poona, Bombay (Swinhoe). Collection Swinhoe, Mhow, Karachi, Bhooj, Bombay, Poona.

3319. Boarmia (?) diffluaria.

Boarmia diffluaria, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).

Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3320. Boarmia diffusaria.

Punjab, Ceylon.

3321. BOARMIA (?) EXCLUSARIA.

Boarmia (?) exclusaria, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).

Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3322. Boarmia ferrolavata.

Boarmia ferrolavata, Walker, Cat. Lep. Het. B. M, xxvi, p. 1536, (1862). India.

3323. Boarmia Gleba.

Boarmia gleba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853, pl. 56, f 3. Collection Swinhoo, Poona.

3324. BOARMIA IMPLETARIA.

Boarmia impletaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1536, (1862). Kanara.

3325. BOARMIA INFIXARIA.

Boarmia infixaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.

Collection Swinhoe, Bombay. Also recorded from Darjiling.

3326. BOARMIA INVECTARIA.

Boarmia invectoria, Walker, Cat. Lep. Het. B. M., xxi, p. 375, (1860). Punjab.

3327. BOARMIA ITERATA.

Boarmia iterata, Butler, Proc. Zool, Soc. Lond. 1886, p. 389.

1. M., Kulu (Young).

Collection Swinhoe, Thundiani (Punjab).

3328. BOARMIA OBLITERATA.

Boarmia obliterata, Moore, Proc. Zool, Soc. Lond. 1867, p. 630. Bengal.

3329. BOARMIA PERSPICUATA.

Boarmia perspicuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 630. Collection Swinhoe, Solun, Darjiling.

3330. BOARMIA PLENIFERATA.

Boarmia pleniferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1538, (1862). Bhutan.

3331. BOARMIA PLUMALIS.

Boarmia plumalis, Butler, Ann. Nat. Hist. (5,) vi, (1880), p. 126. - Ill. Typ. Lep. Het. B. M., vi, p. 64, pl. 116, fig. 5, (1886).

Darjiling.

3332. Boarmia processaria.

Boarmia processaria, Walker, Cat. Lep. Het. B. M, xxi, p. 372, (1860). India.

3333. BOARMIA PROMPTARIA.

Boarmia promptaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860). India.

3334. Boarmia properata.

Boarmia properata, Walker, Cat. Lep. Het. B. M., xxi, p. 376, (1860). N. India.

3335. BOARMIA RECURSARIA.

Boarmia recursaria, Walker, Cat. Lep. Het. B. M. xxi, p. 374, (1860). Central India.

3336. Boarmia Reparata.

Boarmia reparata, Walker, Cat. Lep. Het. B. M., xxi, p. 380, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Sylhet.

3337. Boarmia suasaria.

Boarmia suasaria, Guén., Phal. i, 243, 363, (1857).

Walker, Cat. Lep. Het. B. M, xxi, p. 370, (1860).
India.

3338. Boarmia trikotaria.

Boarmia trikotaria, Felder & R. Reise, Novara, pl. 126, fig. 10, 6, (1874). Himalayas. Allied to B. repandaria, Linn., of Europe.

3339. BOARMIA TRISPINARIA.

Boarmia trispinaria, Walker, Cat. Lep. Het. B. M. xxi, p. 378, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

I. M., Sikkim, Mergui, Kulu (Young).

Collection Swinhoe, India.

3340. BOARMIA VICARIA.

Boarmia vicaria, Walker, Cat. Lep. Het. B. M. xxi, p. 371, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Sylhet.

Genus Alcis.

3341. ALCIS SIKKIMA.

Alcis sikkima, Moore, Descr. Ind. Lep. Atk., p. 242, (1887). Darjiling.

3342. ALCIS VAGANS.

Alcis vagans, Moore, Descr. Ind. Lep. Atk., p. 242, pl. 8, fig. 16, (1887). Darjiling.

3343. Alcis vicina.

Alcis vicina, Moore, Descr. Ind. Lep. Atk., p. 243, (1887). Darjiling.

Genus Burichura.

3344. Burichura imparata.

Boarmia imparata, Walker, Cat. Lep. Het. B. M. xxi, p. 372, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Burichura impurata, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).

Collection Swinhoe, Sikkim.

Also recorded from Nepal.

Genus Pseudangerona.

3345. PSEUDANGERONA SEPARATA.

Boarmia separata, Walker, Cat. Lep. Het. B. M. xxi, p. 381, (1860).

Pseudangerona separata, Moore, Lep. Ceyl. iii, p. 414, pl. 202, fig. 8, (1887).

Boarmia retractaria, Walker, loc. cit. xxi, p. 386, (1860). Boarmia intectaria, Walker, loc. cit. xxvi, p. 1535, (1862).

India, Ceylon.

Genus Catoria.

3346. CATORIA OLIVESCENS.

Catoria olivescens, Moore, Descr. Lep. Col. Atk., p. 244, (1887). Darjiling.

3347. CATORIA PROCURSARIA.

Boarmia procursaria, Walker, Cat. Lep. Het. B. M. xxi, p. 375, (1860). Catoria procursaria, Moore, Lep. Ceyl. iii, p. 415, pl. .91, fig. 3, (1887). India, Ceylon.

3348. CATORIA SUBLAVARIA.

Boarmia sublavaria, Guén, Phal. i, p. 256, 393, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 378, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Catoria sublavaria, Moore, Lep. Ceyl. iii, p. 414, pl. 190, figs. 2, 2a, (1887).

I. M., Sibsaghar (Peal).

Collection Swinhoe, Sylhet, Ceylon.

Genus Chogada.

3349. CHOGADA ALIENARIA.

Boarmia alienaria, Walker, Cat. Lep. Het. B. M., xxi. p. 370, &, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Chogada alienaria, Moore, Lep. Ceyl. iii, p. 4:5, pl. 191, figs. 1, 1a, b, (1887).

Boarmia gelidaria, Walker, loc. cit. xxvi, p. 1537, 9, (1862). Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.

I. M., Sikkim (purchased), Sibsaghar, Andaman Islands (purchased).

Collection Swinhoe, Bombay, Poona, Khandalla, Sylhet.

3350, CHOGADA FRATERNA.

Chogada fraterna, Moore, Descr. Ind. Lep. Atk., p. 245, (1887). Darjiling.

3351. CHOGADA INJECTARIA.

Boarmia injectaria, Walker, Cat. Lep. Het. B. M., xxi, p. 376, \$\pi\$, (1860). Chogada injectaria, Moore, Lep. Ceyl. iii, p. 416, (1887). Boarmia sublectaria, Walker, loc. cit. xxvi, p. 1535, \$\delta\$, (1862). Ceylon.

Genus Amraca.

3352. AMRACA FORTISSIMA.

Amraca fortissima, Moore, Descr. Ind. Lep. Atk., p. 245, (1887). Darjiling.

Genus Serraca.

3353. SERRACA TRANSCISSA.

Boarmia transcissa, Walker, Cat. Lep. Het. B. M. xxi, p. 380, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Serraca transcissa, Moore, Lep. Ceyl. iii, p. 416, pl. 190, figs. 3, 3a, (1887).

I. M., Sibsaghar (Peal), Sikkim. Collection Swinboe, Sibsaghar.

Genus Astacuda.

3354. ASTACUDA AMPLA.

Astacuda ampla, Moore, Descr. Ind. Lep. Atk., p. 244, (1887). Cherrapunji.

3355. ASTACUDA CINERACEA.

Astacuda cineracea, Moore, Descr. Ind. Lep. Atk., p. 244, (1887). Darjiling.

Genus Lassaba.

3356. LASSABA CONTAMINATA.

Lassaba contaminata, Moore, Descr. Ind. Lep. Atk., p. 246, (1887). Darjiling.

Genus Darisa.

3357. DARISA MAXIMA.

Darisa maxima, Moore, Descr. Ind. Lep. Atk., p. 243, (1887). Darjiling.

3358, DARISA MUCIDARIA.

Boarmia mucidaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1581, (1866). Tephrosia mucidaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

I. M., Sikkim.

Genus Tephrosia.

3359. Tephrosia dentilineata.

Tephrosia dentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631. I. M., Andaman Islands (purchased). Collection Swinhoe, Solun, Sikkim, Khandalla.

Genus Hirasa.

3360. HIRASA CONTUBERNALIS.

Hirasa contubernalis, Moore, Descr. Ind. Lep. Atk., p. 238, (1887). Khasi Hills.

3361. HIRASA SCRIPTURARIA.

Tephrosia scripturaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1590, (1866). Tephrosia scripturia (sie), Moore, Proc. Zool. Soc. Lond. 1867, p. 631. Hirasa scripturaria, Moore, Descr. Ind. Lep. Atk., p. 238, (1887).

 I. M., Sikkim, Kulu (Young), N. Khasi Hills, Mergui (Anderson).
 Collection Swinhoe, Khasi Hills, Darjiling.

Genus Bylazora.

3362. Bylazora ceylonica.

Bylazora ceylonica, Moore, Lep. Ceyl. iii, p. 417, pl. 193, figs. 4, 4a, &, &, (1887).

Collection Swinhoe, Ceylon.

3363. Bylazora licheniferata.

Bylazora licheniferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1550, (1862).

Collection Swinhoe, Nilgiri Hills.

3364. BYLAZORA PILICOSTATA.

Scotosia pilicostata, Walker, Cat. Lep. Het. B. M. xxv, p. 1355, (1862). Collection Swinhoc, Nilgiri Hills.

Genus Ophthalmodes.

3365. OPHTHALMODES (?) CARITARIA.

Boarmia caritaria, Walker, Cat. Lep. Het. B. M. xxi, p. 489, (1860). Ophthalmodes (?) caritaria, Moore, Lep. Ceyl. iii, p. 418, (1887). Ceylon.

3366. Ophthalmodes diurnaria.

1. M., Sikkim (purchased, also Barnes), Kulu (Young). Collection Swinhoe, Solun, Sylhet.

3367. OPHTHALMODES HERBIDARIA.

Ophthalmodes herbidaria, Guén., Phal. i, 283, 453, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 446, (1860).

Moore, Lep. Ceyl. iii, p. 417, pl. 191, fig. 4, 2, (1887).

Sylhet, Ceylon.

3368, Ophthalmodes infusaria.

Ophthalmodes infusaria, Walker, Cat. Lep. Het. B. M. xxi, p. 448, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 635.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116, fig. 6, (1886).

Sylhet.

3369. Ophthalmodes mundata.

Ophthalmoder mundata, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 97.

Benares.

Genus Racotis.

3370. RACOTIS BOARMIARIA.

Hypochroma boarmiaria, Guén., Phal. i, 282, 451, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 436, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Racotis boarmiaria, Moore, Lep. Ceyl. iii, p. 418, pl. 192, figs. 3, 3a, b.

(1887).

Boarmia inconclusa, Walker, loc. cit. xxi, p. 382, (1860).

I. M., Sikkim (purchased, also Barnes), Shillong. Collection Swinhoe, Darjiling.

Genus Dindica.

3371. DINDICA BASIFLAVATA.

Hypochroma basiflavata, Moore, Proc. Zool. Soc. Lond. 1867, p. 632. Dindica basiflavata, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).

I. M., Sikkim (purchased, also Barnes).

3372. DINDICA CROCINA.

Hypochroma crocina, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.

Ill. Typ. Lep. Het. B. M., vi, p. 63, pl. 116, fig. 2, (1886).

I. M., Sikkim (purchased).

3373. DINDICA LEOPARDINATA.

Hypochroma leopardinata, Moore, Proc. Zool. Soc. Lond. 1867, p. 634. Dindica leopardinata. Moore, Descr. Ind. Lep. Atk., p. 248, (1887). Bengal.

Genus Pingasa.

3374. PINGASA APICALIS.

Pingasa apicalis, Moore, Descr. Ind. Lep. Atk., p. 247, (1887). Darjiling.

3375. Pingasa costistrigaria.

Hypochroma costistrigaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633. Bengal.

3376. PINGASA CRENARIA.

Hypochroma crenaria, Guén., Phal. i, p. 278, 441, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.

Pingasa crenaria, Moore, Lep. Ceyl. iii, p. 419, pl. 192, figs. 1, 1a, b, (1887).

Collection Swinhoe, Bombay, Ceylon.

3377. PINGASA IRRORATARIA.

Hypochroma irroraturia, Moore, Proc. Zool. Soc. Lond. 1867, p. 632. I. M., Sikkim (purchased).

3378. PINGASA LEUCOSTIGMARIA.

Boarmia leucostigmaria, Neitner, Obs. Enemies of Coffee Tree, p. 23,(1861).*

Pingasa leucostigmaria, Moore, Lep. Ceyl. iii, p. 420, (1887).

Ceylon.



Hypochroma minimaria, Guén., Phal. i, 279, 443, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 433, (1860).

Pingasa minimaria, Moore, Lep. Ceyl. iii, p. 420, pl. 192, fig. 2, (1887).

Hypochroma parvula, Walker, loc. cit. xxi, p. 435, (1860).

Ceylon, India.

3380. Pingasa rufofasciata.

Pingasa rufofasciata, Moore, Descr. Ind. Lep. Atk., p. 247, (1887). Collection Swinhoe, Sikkim.

3381. PINGASA RUGINARIA.

Hypochroma ruginaria, Guén., Phal. i, 278, 442. (1857).

Walker, Cat. Lep. Het. B. M. xxi. p. 432. (1860).

I. M., Sikkim (purchased, also Barnes), Sibsaghar, Ranchi, (Irvine).

Collection Swinhoe, Sylhet.

Also recorded from Borneo.

3382. Pingasa similis.

Pingasa similis, Moore, Descr. Ind. Lep. Atk., p. 248, (1887). Collection Swiuhoe, Sibsaghar.

3383. PINGASA VIGENS.

Hypochroma vigens. Butler Ann. Nat. Hist. (5) vi. p. 127, (1880).

111. Typ. Lep. Het. E. M. vi, p. 63, pl. 116, fig. 3, (1886).

Genus Hypochroma.

3381. HYPOCHROMA DISPENSATA.

Hypochroma dispensata, Walker, Cat. Lep. Het. B. M. xxi, p. 435, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 416.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, 1885, p. 853, and 1886, p. 454.

Collection Swinhoe, Mhow, Karachi, Bombay, Poona.

3385. Hypochroma distenta.

Hypochroma distenta, Walker, Cat Lep. Het. B. M. xxi, p. 434, (1860). Collection Swinhoe, Sylhet.

3386. Hypochroma muscicoloraria.

Hypochroma muscicoloraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1543, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 64, pl. 116, fig. 4, (1886).

I. M., Sikkim (Barnes). Collection Swinhoe, Darjiling.

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3387. HYPOCHROMA NYCTEMERATA.
         Hypochroma nyctemerata, Walker, Cat. Lep. Het. B. M. xxi, p. 444
                                             (1860).
                               - Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
         Bengal.
         Allied to H. ruginaria.
3388. Hypochroma perfectaria.
         Hypochroma perfectaria, Walker, Cat. Lep. Het. B. M. xxi, p. 434, (1860).
                               - Moore, Proc. Zool. Soc. Lond. 1877, p. 621.
                               - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
         Hypochroma nyctemerata, Walker, loc. cit. xxvi, p. 1543, 9, nec xxi, p.
         Collection Swinhoe, Poona.
         Also recorded from Andaman Islands.
3389. Hypochroma Polyphænaria.
          Hypochroma polyphanaria, Guén., Phal. i, 280, 416, (1857).
                               ----- Walker, Cat. Lep. Het. B. M. xxi, p. 436,
                                             (1860).
         Collection Swinhoe, Sikkim.
3390. HYPOCHROMA PSEUDOTERPNARIA.
         Hypochroma pseudoterpnaria, Guén., Phal. i, p. 276, 436, (1857).
                                 --- Walker, Cat. Lep. Het. B. M. xxi, p. 431,
                                               (1860).
                                   - Moore, 2nd Yarkand Miss., Calcutta, (1879),
                                   p. 14.
- Swinhoe, Proc. Zeol. Soc. Loud. 1884, p.
         I. M., Yarkand (2nd Yarkand Mission, Stoliczka).
         Collection Swinhoe, Solun, Karachi.
3391. HYPOCHROMA SPHAGNATA.
         Hypochroma sphagnata, Felder & R. Reise, Novara, pl. 125, fig. 2, 3,
                                                      (1874).
         Darjiling.
         Allied to H. muscicoloraria.
3392. Hypochroma tephrosiaria.
         Hypochroma tephrosiario, Guén., Phal. i, 277, 437, (1857).
                               - Walker, Cat. Lep. Het. B. M. xxi, p. 432,
                                             (1860).
        India.
3393. HYPOCHROMA VARICOLORARIA.
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Hypochroma varicoloraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

Bengal.

3394. Hypociiroma viridaria.

Hypochroma viridaria, Moore, Proc. Zool, Soc. Lond. 1867, p. 632. Bengal.

Genus Pachyodes.

3395. PACHYODES HÆMATARIA.

Terpna hæmataria, Herr. Sch., Exot. Sch., figs. 205, 206, (1850-69). Pachyodes hæmataria, Walker, Cat. Lep. Het. B. M. xxi, p. 445, (1860). Pachyodes almaria, Guén., Phal. i, 282, 452, (1857).

I. M., Sikkim (purchased), Sibsaghar (Peal). Collection Swinhoe, Assam.

3396. PACHYODES ORNATARIA.

Pachyodes ornataria, Moore, Descr. Ind. Lep. Atk., p. 249, (1887). Cherrapunji, Darjiling.

3397. PACHYODES PICTARIA.

Pachyodes pictaria, Moore, Descr. Ind. Lep. Atk., p. 248, (1887). Darjiling.

Genus Elphos.

3398. ELPHOS HYMENARIA.

 M., Sikkim (purchased), Mussourie (Templeton), N. Khasi Hills (A. W. Chennel), Sibsaghar.
 Collection Swinhoe, Sikkim, Pegu.

3399. Elphos pardicelata.

Elphos pardicelata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1544, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 635.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116, fig. 7, (1886).

Collection Swinhoe, Sikkim.

Collection Swinhoe, Sikkii Allied to E. hymenaria.

3400. ELPHOS SCOLOPAIEA.

Phalana (Noctua) scolopaiea, Drury, Exot. Ins. ii, pl. 22, fig. 1, App. ii, (1773).

Alcis scolopacea, Westwood, Ed. Drury, ii, 40, pl. 22, fig. 1, (1837).*

Duncan, Nat. Libr. xxxvii, 218, pl. 27, fig. 2.

Bronchelia scolopacea, Walker, Cat. Lep. Het. B. M. xxi, p. 453, (1860).

Elphos scolopacea, Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, p. 237, (1884).

I. M., Sibsaghar, Sylhet, Cachar, Buxar (Moti Ram). Allied to E. hymenaria.

Genus Amblychia.

3401. AMBLYCHIA ANGERONARIA.

Amblychia angeronaria, Guén.. Phal. i, 215, 319, pl. 4, fig. 9, (1857).

Walker, Cat. Lep. Het, B. M. xxi, p. 313, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

I. M., Sikkim (purchased, also Barnes), Sibsaghar (Peal), Buxar, (Moti Ram).

Collection Swinhoe, Sylhet.

3402. Amblycuia torrida.

Amblychia torrida, Moore, Proc. Zool. Soc. Lond. 1877, p. 621. Andaman Islands.

Genus Gnophos.

3403. Gnophos accipitraria.

Gnophos accipitraria, Guén., Phal. i, 300, 476, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).

Collection Swinhoe, Solun.

3404. Gnormos æreus.

Gnophos æreus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 128.

Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 9, (1886).

Darjiling.

Allied to G. muscosaria.

3405. Gnophos comparataria.

Boarmia comparataria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1582, (1866), Tephrosia comparataria, Moore, Proc. Zool, Soc. Lond. 1867, p. 631.

I. M., Kulu (Young).

Collection Swinhoe, Darjiling.

3406. GNOPHOS DISPUNCTATA.

Gnophos dispunctata, Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).

Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

I. M., Mussourie (Templeton), Kulu (Young), Shillong, Sibsaghar (Peal).

Collection Swinhoe, Solun, Thundiani, Kala Pani (Punjab).

3407. GNOPHOS EOLARIA.

Gnophos eolaria, Guén., Phal. i, 294, 466, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860).

N. India.

3408. Gnorhos granitaria.

Gnophos granitaria, Moore, Descr. Ind. Lep. Atk., p. 246, (1887). Darjiling.

3409. Gnophos miscellaria. Gnophos miscellaria, Guén., Phal, i, 297, 470, (1857). - Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860). India, Australia. 3410. Gnophos mucidaria. Geometra mucidaria, Hübn., Geom., pl. 28, fig. 148, (1805-24).* Hyposcotis mucidaria, Hübn., Verz Schm., 314, 3034, (1816). Herr. Schoeff., Eur. Schm. iii, 75, 194, pl. 44, figs. 266-68, (1850-69).* Guén., Phal. i, 297, 472, (1857). Walker, Cat. Lep. Het. B. M. xxi, p. 461, (1860). Gnophos variegata, Dup., Lep., pl. 185, fig. 8, (1830).* - Bruand, Ann. Soc. Ent. Fr. 1843, 249, pl. 10No. 11. Collection Swinhoe, Sikkim. Also recorded from Europe, 3411. Gnornos muscosaria. Gnophos muscosaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1596, (1866). --- Moore, Proc. Zool. Soc. Lond. 1867, p. 635. - Butler, Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 10, (1886). I. M., Sikkim. 3412. Gnophos obtectaria. Gnophos obtectaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1597, (1866). Moore, Proc. Zool, Soc. Lond., 1867, p. 635. - 2nd Yarkand Mission Calc. (1879), p. 14. Butler, Proc. Zool. Soc. Lond. 1886, p. 389. - Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 8, (1886), I. M., Sikkim (purchased). Collection Swinhoe, Cashmir, Thundiani (Punjab), Lahore, Darjiling. 3113. Gnornos perlita. Gnophos (?) parlita, Butler, Proc. Zool. Soc. Lond. 1886, p. 389. Kala Pani (Punjab). 3414. GNOPHOS PAGANATA. Scotopteryx paganata, Felder & R. Reise, Novara, pl. 125, fig. 9, 3, (1874). India. 3415. GNOPHOS STOLICZKARIA. Gnophos stoliczkaria, Moore, Ann. Nat. Hist. (5), 1, (1878), p. 235. 2nd Yarkand Mission Calc. (1879), p. 14, pl. 1, fig. 22.

I. M., Yarkand (type, Stoliczka).

3416. GNOPHOS TENOBROSARIA.

Hupochroma tenebrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633, I. M., Kulu (Young).

Collection Swinhoe, Kasauli.

3417. GNOPHOS TEPHROSARIA.

Gnophos tephrosaria, Moore, Descr. Ind. Lep. Atk., p. 247, (1887). Darjiling.

3418. GNOPHOS USNEATA.

Scotopteryx (?) usneata, Felder & R. Reise, Novara, pl. 125, fig. 12, 9 (1874).

I. M., Sikkim (purchased).

3419. GNOPHOS VENTRARIA.

Gnophos ventraria, Guén., Phal. i, 294, 467, (1857). -- Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860). Sylhet.

3420. Gnormos vitreata.

Scotosia ritreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 656. Gnophos vitreata, Butler, Proc. Zool, Soc. Lond. 1886, p. 390. Collection Swinhoe, Darjiling. Also recorded from the Punjab.

Genus Petelia.

3421. Petelia fasciata.

Baryosa fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 634, pl. 32, fig. 3. Petelia fasciata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854. Collection Swinhoe, Bombay, Poons, Khandalla, Calcutta,

3422. Petelia medardaria.

Petelia medardaria, Herr Sch., Exot Schn., pl. 94, fig. 534, (1850-69).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854, and 1886, p. 454.
Tephrina (?) medardaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1659,

(1862).

Bargosa chacoraca, Walker, loc. cit. xxi, p. 481, (1860). Bargosa chandubija, Walker, loc. cit. xxi, p. 480, (1860). Bargosa distracta, Walker, loc. cit. xxi, p. 481, (1860). Ephyra (?) strigulataria, Walker, loc. cit. xxvi, p. 1575, (1862).

I. M., Bombay (Swinhoe).

Collection Swinhoe, Mhow, Bombay, Poona, Belgaum.

Genus Alana.

3423. Alana vexillaria.

Pachylia vexillaria, Guén., Phal. ii, p. 138, 1147, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 1020, (1861).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Alana rexilliaria, Moore, Lep. Ceyl. iii, p. 397, pl. 193, fig. 3, \$\frac{2}{3}\$, \$\frac{1}{3}\$, (1887).

Pachydia capitata, Walker, loc. cit., xxiii, p. 1019, \$\frac{2}{3}\$, (1860).

Alana rubiginata, Walker, loc. cit. xxxv, p. 1568, \$\frac{2}{3}\$, (1866).

Collection Swinhoe, Bombay, Poona.

Also recorded from Borneo.

Genus Sabaria.

3424. SABARIA CONTRACTARIA.

Genus Psyra.

3425. PSYRA ANGULIFERA.

Scotosia angulifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1687, (1866). Psyra angulifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 659.

I. M., India.
Collection Swinhoe, Darjiling.

3426. PSYRA CUNEATA.

Psyra cuncata, Walker, Cat. Lep. Het. B. M. xxi, p. 483, (1860).

Bengal.

Moore, Proc. Zool. Soc. Lond. 1867, p. 659.

3127. PSYRA SIMILARIA.

Psyra similaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 33, fig. 1. I. M., Khasi Hills, Sikkim. Collection Swinhoe, Darjiling.

FAMILY GEOMETRIDÆ.

Genus Loxochila.

3428. LOXOCHILA MUTANS.

Loxochila mutans, Butler, Proc. Zool. Soc. Lond. 1881, p. 615. Collection Swinhoe, Solun, Nilgiri Hills.

3429. LOXOCHILA SMARAGDUS.

Tanaorhinus smaragdus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 128. Loxochila smaragdus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 5, (1886).

N.-E. Himalayas,

Genus Geometra

3430. GEOMETRA ALBOVIRIDIS.

Geometra alboviridis, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 34, fig. 3.

N. India.

3431. Geometra aperta.

Geometra aperta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 7.

Collection Swinhoe, Bombay, Nilgiri Hills.

3432. GEOMETRA AVICULARIA.

Geometra avicularia, Guén., Phal. i, p. 342, 526, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 514, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Geometra pennisignata, Walker, loc. cit. xxii, p. 516, (1861).

1. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

3433. GEOMETRA BISERIATA.

Geometra biseriata, Moore, Descr. Ind. Lep. Atk., p. 249, (1887). Darjiling.

3434. GEOMETRA CUNEILINEA.

Geometra cuncilinea, Walker, Cat. Lep. Het. B. M. xxvi, p. 1752, (1862).
India.

3435. GEOMETRA DENTISIGNATA.

Geometra dentisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636. Darjiling.

Allied to G. haliaria.

3436. GEOMETRA DETENTA.

Geometra detenta, Walker. Cat. Lep. Het. B. M. xxii, p. 518, (1861). Geometra dentata (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 636. Nepal.

3437. GEOMETRA DISCISSA.

Geometra discissa, Walker, Cat. Lep. Het. B. M. xxii, p. 517, (1861). N. India.

3438. Geometra dispartita.

Geometra dispartita, Walker, Cat. Lep Het. B. M. xxii, p. 520, (1861).

Meore, 2nd Yarkand Mission Calc. (1879), p. 15.

Yarkand, India.

3439. GEOMETRA DISSESSA.

3140. GEOMETRA GONIARIA.

Timandra goniaria, Felder & R. Reise, Novara, pl. 128, fig. 3, Q., (1874). Collection Swinhoe, Khandalla, Alibagh.

3441. GEOMETRA GRATA.

Geometra grata, Butler, Ann. Nat. Hist. (5), vi, p. 129, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 6, (1886).

Darjiling.

Allied to G. dentisignata.

3142. GEOMETRA HALIARIA.

Geometra haliaria, Walker, Cat. Lep. Het. B. M., xxii, p. 518, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117, fig. 7, (1886).

Geometra decoraria, Walker, loc. cit. xxxv, p. 1601, (1866).

I. M., Sikkim (purchased, also Barnes).

Collection Swinhoe, Dariiling.

3443. GEOMETRA LINEATA.

Geometra lineata, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 34, fig. 2. I. M., Sikkim.
Collection Swinhoe, Sikkim.

3444. GEOMETRA SPECULARIA.

Geometra specularia, Gnén., Phal. i, 312, 525. (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 514, (1861), and xxvi, p. 1555, (1862).

Moore, Lep. Ceyl. iii, p. 425, pl. 194, figs. 1, 1α, φ, (1887).

I. M., Wynaad. Collection Swinhoe, Sylhet, Ceylon.

3445. GEOMETRA TUMIDILINEA.

Geometra tumidilinea, Moore, Descr. Ind. Lep. Atk., p. 249, (1887). Darjiling.

3446. GEOMETRA VITTATA.

Geometra vittata, Moore, Proc. Zool. Soc. Lond. 1867. p. 636.
Waterhouse, Aid, pl. 151, fig. 5, (1884).*

I. M., Sikkim (purchased). Collection Swinhoe, Solun, Sikkim, Kulu.

Genus Tanaorhinus.

3447. TANAORHINUS DIMISSA.

Geometra dimissa, Walker, Cat. Lep. Het. B. M. xxii, p. 516, (1861). Tanaorhinus dimissus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 3, (1886).

Collection Swinhoe, Solun.

3448. TANAORHINUS RECIPROCATA.

Geometra reciprocata, Walker, Cat. Lep. Het. B. M. xxii, p. 515, (1861). Tanaorhinus reciprocatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 4, (1886).

Himalayas.

3449. TANAORHINUS VIRIDILUTEATA.

Geometra viridiluteata, Walker, Cat. Lep. Het. B. M. xxii, p. 515. (1861),

Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Tanaorhinus viridiluteatas, Butler, Ili. Typ. Lep. Het. B. M. vi, p. 67, pl.

117, fig. 2, (1886).

I. M., Sikkim (purchased). Collection Swinhoe, Darjiling.

Genus Maxates.

3450. MAXATES CŒLATARIA.

Thalassodes cœlataria, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).

Moore, Proc. Zool. Soc. Lond. (1867), p. 637, and 1877, p. 621.

Maxates cælataria, Moore, Lep. Ceyl. iii, p. 436, pl. 196, figs. 2, 2a, (1887). I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling, North Kanara.

Genus Thalassodes.

3451. THALASSODES BIFASCIATA.

Thalassodes bifasciata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862). Thatera bifasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637. Sylhet.

3452. Thalassodes (?) Chlorozonaria.

Thalassodes chlorozonaria, Walker, Cat. Lep. Het. B. M. xxii, p. 554, (1861).

Moore, Lep. Ceyl. iii, p. 427, (1887).

Ceylon.

3453. THALASSODES DISSEPTA.

Thalassodes disseptu, Walker, Cat. Lep. Het. B. M. xxii, p. 550, (1861). India.

3454. THALASSODES DISSIMULATA.

Thalassodes dissimulata, Walker, Cat. Lep. Het. B. M. xxii, p. 551, (18)1). - Moore, Proc. Zool. Soc. Lond. 1867, p. 637. India.

3455. Thalassodes distinctaria.

Thulassodes distinctaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1607, (1866).Moore, Proc. Zool, Soc. Lond, 1867, p. 637. - Butler, Ill. Typ. Lep. Het. B.M. vi, p. 70, pl.117, fig. 8, (1886). Collection Swinhoe, Sikkim.

3456. Thalassodes fimbriaria.

Thalussodes fimbriaria, Walker, Char. Undescr. Lep. Het. Lond. (1869). D. 97. Benares.

3457. THALASSODES GLAUCARIA.

Thalera glaucaria, Walker, Cat. Lep. Het. B. M. xxxv. p. 1613, (1866). — Moore, Proc. Zool. Soc. Lond. 1867, p. 638. Thalassodes glaucaria, Butler, Ann. Nat. Hist. (5) vi, p. 215, (1880). Collection Swinboe, Sikkim. Allied to T. bifusciata.

3458. Thalassodes immissaria.

Thalassodes immissaria, Walker, Cat. Lop. Het. B. M. xxii, p. 553, (1861). Ceylon.

3459. Thalassodes inaptaria.

Thalassodes inaptaria, Walker, Cat. Lep. Het. B. M. xxvi. p. 1560, (1861). - Moore, Proc. Zool. Sec. Lond. 1867, p. 637. Sylhet.

3460. THALASSODES INDETERMINATA.

Thalassodes indeterminata, Walker, Char. Undescr. Lep. Het. London. p. 98, (1869).

Benares.

3461. THALASSODES LEUCOSPILOTA.

Thalassodes leucospilota, Moore, Lep. Ceyl. iii, p. 427, pl. 194, fig. 4. 3. (1887).Ceylon.

3462. THALASSODES LUNIFERA.

Thalassodes lunifera, Moore, Deser. Ind. Lep. Atk., p. 250, (1887). Cherrapunji.

Ceylon,

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3163. THALASSODES MACARIATA.
          Thalassodes macariata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862).
                                 -, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
          Collection Swinhoe, Sylhet.
3464. Thalassodes magruraria.
          Thalassodes macruraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1561,
                                                (1861).
                                   - Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
        Collection Swinhoe, Khandalla.
3465. THALASSODES NANDA.
          Thulassodes nando, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).
                           ---- Moore, Lep. Ceyl. iii, p. 427, (1887).
          Ceylon.
2466. THALASSODES OPALINA.
          Thalassodes opalina, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 214.
                                      - Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117,
                                          fig. 9, (1886).
                                      - Proc. Zool. Soc. Lond. 1886, p. 390.
          Darjiling, Murree.
3467. THALASSODES OPHTHALMICATA.
          Thalassodes ophthalmicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
          Bengal.
3468. THALASSODES PALLIPLAGIATA.
          Thalassodes palliplagiata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1563.
                                                 (1862).
          India.
3169. THALASSODES QUADRARIA.
          Thalassodes quadraria, Guén., Phal. i, 360, 564, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 549, (1861).
          Geometra dissita, Walker, loc. cit. xxii, p. 519, (1861).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Thalassodes dissita, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
                                     - Lep. Ceyl. iii, p. 426, pl. 194, figs. 2, 2a, Q.
                                          (1887).
          I. M., Kulu (Young).
          Collection Swinhoe, Bombay, Poona, Sikkim.
2470. THALASSODES RUBROLIMBRARIA.
          Amaurinia rubrolimbraria, Guén., Phal. i, 386, 618, (1857).
                                     - Walker, Cat. Lep. Het. B. M. xxii, p. 603,
                                                  (1861).
          Thalassodes rubrolimbraria, Moore, Lep. Ceyl. iii, p. 427, pl. 195, fig. 5,
                                                 (1887).
          Thalassodes discrta, Walker, loc. cit. xxii, p. 553, Q. (1861).
         Thalassodes simpliciaria, Walker, loc. cit. xxii, p. 553 (1861).
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3471. THALASSODES SINUATA.

Thalassodes sinuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637. Bengal.

3472. THALASSODES SISUNAGA.

Thalassodes sisunaga, Walker, Cat. Lep. Het. B. M. xxii, p. 550, (1861). India.

3473. THALASSODES URAPTERARIA.

Thalassodes urapteraria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1608, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

Genus Thalera.

3474. Thalera albannularia.

Thalassodes albannularia, Walker, Cat. Lep. Het. B. M. xxii, p. 554, (1861).

Thalera albannularia, Moore, Lep. Ceyl. iii, p. 429, (1887).

Ceylon.

3475. THALERA ACUTISSIMA.

Thalera acutissima, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).

Moore, Lep. Ceyl. iii, p. 428, pl. 196, p. 7, (1887).

Ceylon.

3476. THALERA ARGUTARIA.

Thalera argutaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1614, (1866).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Collection Swinhoe, Darjiling.

3477. THALERA COSTIPUNCTATA.

Thalera costipunctata, Moore, Lep. Ceyl. iii, p. 428, pl. 195, fig. 4, (1887). Ceylon.

3478. THALERA DIATOMATA.

Timandra (?) diatomata. Walker, Cat. Lep. Het. B.M., xxvi, p. 1616, (1862). Thalera diatomata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526. Timandra diatomaria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854, and 1886, p. 454.

Collection Swinhoe, Nilgiri Hills, Mhow, Karachi, Mirzapore, Poona.

3479. THALERA DIREMPTA.

Thalera dirempta, Walker, Cat. Lep. Het. B: M. xxii, p. 595, (1861). India.

3480. THALERA DISJUNCTA.

Thalera disjuncta, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).

Moore, Lep. Ceyl. iii, p. 429, pl. 196, fig. 5, (1887).

Collection Swinhoe, North Kanara.

Also recorded from Ceylon.

3481. THALERA FLAVIFUSATA.

Thalera flavifusata, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).

Moore, Lep. Ceyl. iii, p. 428, pl. 191, figs. 3, 3a, 3. (1887).

Ceylon.

3482. THALERA LÆSARIA.

Jodis lasaria, Walker, Cat. Lep. Het. B. M. xxii, p. 544, (1861). Thalera læsaria, Moore, Lep. Ceyl. iii., p. 429, (1887). Ceylon.

3483. THALERA MERITARIA.

Geometra meritaria, Walker, Cat. Lop. Het. B. M. xxii, p. 522, (1861). Thalera meritaria, Moore, Lep. Ceyl. iii, p. 429, (1887). Ceylon.

3484. THALERA OBNUPTA.

Thalera obnupta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 9. Collection Swinhoe, Bombay, Alibagh.

3485. THALERA ROBUSTARIA.

Hemithea robustaria, Guén., Phal. i, 383, 613, (1857). Thalera robustaria, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861). India.

3486. Thalera (?) Subtractata.

Thalera (/) subtractata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1753, (1862). India.

Genus Nemoria.

3487. Nemoria carnifrons.

Nemoria carnifrons, Butler, Proc. Zool. Soc. Lond. 1883, p. 169.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 454.

Collection Swinhoe, Mhow,

3488. Nemoria caudularia.

Nemoria caudularia, Guén., Phal. i, 349, 541, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 534, (1861).

N. India.

3489. Nemoria (?) directa.

Nemoria (?) directa, Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861). India.

3490. NEMORIA FLAVIFRONTARIA.

Nemoria flavifrontaria, Guén., Phal. i, 346, 533, (1857). --- Walker, Cat. Lep. Het. B. M. xxii, p. 634, (1861). India.

3191. NEMORIA FREQUENS.

Nemoria frequens, Butler, Proc. Zool. Soc. Lond. 1881, p. 616. - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526; 1885, p. 854; and 1886, p. 454.

I. M., Andaman Islands (purchased), Karachi (Karachi Museum). Collection Swinhoe, Mhow, Karachi, Poona.

3492. Nemoria parvulata.

Nemoria parvulata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1559, (1862). — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854. Collection Swinhoe, Kutch, Karachi, Poona.

3193. Nemoria pruinosa.

Nemoria pruinosa, Butler, Ann. Nat. Hist. (1880), (5) v, p. 224. Proc. Zool. Soc. Lond. 1881, p. 6.6; and 1883. p. 169. - Swinhoe, Proc. Zool Soc. Lond. 1884, p. 526.

M., Karachi.

Collection Swinhoe, Karachi.

3494. Nemoria solidaria.

Nemoria soiidaria, Guén., Phal. i, 348, 538, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861).

Moore, Lep. Ceyl. iii, p. 431, (1887). Moore, Lep. Ceyl. iii, p. 431, (1887). Iodis discessa, Walker, loc. cit. xxii, p. 544, \(\mathbb{Q}\), (1861). Nemoria lataria, Walker, loc. cit. xxvi, p. 1558, (1862). Ceylon.

3195. NEMORIA VIATA.

Nemoria viata, Moore, Lep. Ceyl. iii, p. 431, pl. 195, fig. 6, 2, (1887). Ceylon.

Genus Berta.

3496. Berta Chrysolineata.

Berta chrysolineata, Walker, Cat. Lep. Het. E. M. xxvi. p. 1621, (1862). Moore, Proc. Zool. Soc. Lond. 1867, p. 638. - Lep. Ceyl. iii, p. 435, pl. 196, fig. 4, (1887). Kanara, Ceylon, Bengal.

3497. BERTA GAVISSIMA.

Comibana gavissima, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861). Berta gavissima, Moore, Lep. Ceyl. iii, p. 435, pl. 196, fig. 6, 3, (1887). Collection Swinhoe, Solun. Also recorded from Ceylon.

Genus Comibæna.

3498. COMIBÆNA BIPLAGIATA.

Comibæna biplagiata, Moore, Lep. Ceyl. iii, p. 435, (1887). Ceylon.

3499. COMIBENA CASSIDARIA.

Phorodesma cassidaria, Guén., Phal. i, 370, 589, (1857). Comihana cassidaria, Walker, Cat. Lep. Het. B. M. xxii, p. 572, (1861). India.

3500. COMIBÆNA CHALYBEATA.

Comibæur chalybeata, Moore, Proc. Zool. Soc. Lond. 1867, p. 639. Darjiling.

3501. COMIBÆNA DEVENATA.

Comibana deverata, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).

Moore, Lep. Ceyl. iii, p. 433 (note), pl. 197, fig. 5, (1887).

India.

3502. COMIBÆNA DISPANSA.

Comibæna dispansa, Walker, Cat. Lep. Het. B. M. xxii, p. 571, (1861).

Moore, Lep. Ceyl. iii, p. 433, (1887).

Ceylon,

3503. COMIBÆNA DIVAPALA.

Comibana divapala, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Lep. Ceyl. iii, p. 434, pl. 195, figs. 2, 2a, (1887).

Ceylon.

Ccy 1011.

3504. COMIBENA FENESTRARIA.

Comibiena fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 639. Bengal.

3505. COMIBÆNA GLAREOSA.

Comihana glareosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 8.
Collection Swinhoe, Bombay.

3506. Comibæna hyalinata.

Comibana hyalinata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638. Bengal.

3507. COMIBÆNA MACULATA.

Comibæna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638. Bengal.

3508. Comibæna pannosa.

Comibæna pannosa, Moore, Lep. Ceyl. iii. p. 433, pl. 195, figs. 1, 1a, b, 3, \$\varphi\$, (1887).

Comibæna devexata, (var.) Walker, Cat. Lep. Het. B. M. xxii, p. 574, (1861).

Ceylon.

3509. COMIBENA PARTITA.

Comibana partita, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).

Butler, Ill. Typ. Lep. Het. B. M., p. 71, pl. 117, fig. 11, (1886).

Comibana felicitata, Walker, loc. cit. xxii, p. 579, (1861).

India, Australia.

3510. Comibæna pictipennis.

Comibana pictipennis, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 215.

Ill. Typ. Lep. Het. B. M. vi, p. 72, pl. 117, fig. 12, (1886).

Darjiling.

3511. Comibena sanguilineata.

Comibæna sanguilineata, Moore, Proc. Zool. Soc. Loud. 1867, p. 638. Collection Swinhoe, Sikkim.

3512. Comibæna scutuligera.

Agathia scutuligera, Butler, Ann. Nat. Hist, (5) vi, (1880), p. 216.

Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 118, fig. 1, (1886).

Darjiling.
Allied to C. devexata.

3513. Comibæna semialba.

Thalera semialba, Walker, Cat. Lep. Het. B. M. xxii, p. 601, (1861). Comibæna semialba, Moore, Lep. Ceyl. iii, p. 434, pl. 196, figs. 1, 1a, (1887).

Ceylon, Borneo.

3514. Comibæna textilis.

Thalera textilis, Butler, Ann. Nat. Hist. (5) vi. (1880), p. 219.

Ill. Typ. Lep. Het. B. M. vi, p. 71, pl. 117, fig. 10, (1886).

Darjiling.

Allied to C. divapala.

Genus Zamarada.

3515. ZAMARADA TRANSLUCIDA.

Zamarada translucida, Moore, Lep. Ceyl. iii, p. 432, pl. 197, fig. 2, ♀, (1887).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

Genus Agathia.

3516. AGATHIA ARCUATA.

Agathia arcuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 640. Bengal.

3517. Абатија велта.

Agathia heata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 218.

Ill. Typ. Lep. Het. B. M., p. 74, pl. 118, fig. 2, (1886).

Darjiling.

Allied to A. hemithearia.

3518. AGATHIA DIVARICATA.

Agathia (?) divaricata, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 15, (1887).

Cherrapunji.

3519. AGATHIA HEMITHEARIA.

Sylhet, Ceylon.

3520. Agathia hilarata.

Agathia hilarata, Guén., Phal. i, 381, 612, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Solun, Poona, Bombay, Purundhur.

3521. Agathia intercissa.

Agathia intercissa, Walker, Cat. Lep. Het. B. M. xxii, p. 592, (1861). — Moore, Lep. Ceyl. iii, p. 437, (1887).

Ceylon.

3522. AGATHIA LETATA.

Phalana latata, Fabr., Ent. Syst. iii, 2, 164, (1793). Agathia latata, Moore, Lep. Ceyl. iii, p. 437, pl. 197, figs. 1, 1a, b, &, \$, \$, (1887).

Agathia catenaria, Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861). - Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Collection Swinhoe, India.

Also recorded from Ceylon and Kanara.

3523. AGATHIA LYCENARIA.

Geometra lycanaria, Kol., Von Hüg. Kasch. iv, 486, (1848). Agathia lycanaria, Guén., Phal. i, 380, 610, (1857). - Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861); and xxvi, p. 1567, (1862). Moore, Proc. Zool, Soc. Lond. 1867, p. 639. Geometra albiangularia, Herr. Sch., Exot. Schm., pl. 61, fig. 339, (1850-69). Agathia discriminata, Walker loc. cit. xxii, p. 591, (1861), Q. I. M., Sikkim, Kulu (Young). Collection Swinhoe, Solun, Khandalla. Also recorded from China.

3521. AGATHIA MAGNIFICA.

Agathia magnifica, Moore, Proc. Zool. Soc. Lond. 1879, p. 416. ----- Lep. Ceyl. iii, p. 438, pl. 197, fig. 4, 2, (1887). Ceylon.

3525. Agathia quinaria.

Agathia quinaria, Moore, Proc. Zool. Soc. Loud. 1867, p. 639. Bengal.

3526. Agathia visenda.

Agathia visenda, Butler, Ann. Nat. Hist. (5) vi. (1880), p. 218. - Ill. Typ. Lep. Het. B. M. vi, p. 74, pl. 118, fig. 3, (1886).

Darjiling.

Genus Iodis.

3527. IODIS DETRACTA.

Geometra detracta, Walker, Cat. Lep. Het. B. M. xxii, p. 521, (1861). Iodis detracta, Butler, Proc. Zool. Soc. Lond. 1886, p. 390. Campbellpur (Punjab).

3528. Iodis (?) immacularia.

Phalæna immacularia, Fabr., Ent. Syst. iii, 2, 131, 7, (1793). Iodis (?) immacularia, Walker, Cat. Lep. Het. B. M. xxii, p. 604, (1861). Tranquebar.

3529. Iodis indecretata.

Geometra (?) indecretata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1555, (1862).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855,

Iodis indecretata, Moore, Lep. Ceyl. iii, p. 450, pl. 194, fig. 5, (1887).

Collection Swinhoe, Poona, Alibagh.

3530. Iodis opalaria.

3531. Iodis Quantula.

Iodes quantula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 6. Collection Swinhoe, Bombay.

3532. IODIS THALASSICA.

Iodis thalassica, Moore, Lep. Ceyl. iii, p. 430, pl. 194, fig. 6, (1887). Ceylon.

3533. Iodis Thetydaria.

Iodis thetydaria, Guén., Phal. i, 358, 559, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 543, (1861).
India.

3534. Iodis Vivilaca.

Iodis vivilaca, Walker, Cat. Lep. Het. B. M. xxii, p. 541, (1861).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

Moore, Lep. Ceyl. iii, p. 430, pl. 195, fig. 3, \$\varphi\$, (1887).

I. M., Khandalla (Swinhoe).

Collection Swinhoe, Bombay, Khandalla.

Genus Chlorodos.

3535. CHLORODES PASTOR.

Chlorodes pastor, Butler, Ann. Nat. Hist. (5) vi, p. 216, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 117, fig. 13, (1886).

Darjiling.

Genus Thetides.

3536. THETIDEA (?) RADIATA.

Thetidea (?) radiata, Walker, Cat. Lep. Het. xxvi, p. 1567, (1862). N. India.

Genus Eucrostis.

3537. EUCROSTIS DISPARATA.

Collection Swinhoe, Bombay, Poona.

Also recorded from Ceylon.

3538. Eucrostis Pyrrhogona.

Eucrostis pyrrhogona, Walker, Cat. Lep. Het. B. M. xxxv, p. 1610, (1866). S. India.

FAMILY PALYADE.

Genus Eumelia.

3539. Eumelia aureliata.

Collection Swinhoe, Assam. Also recorded from Ceylon.

3540. Eumelia feliciata.

3541. EUMELIA FIMBRIATA.

Phalæna (Geometra) fimbriata, Cram., Pap. Exot. iv, 236, pl. 398, fig. N, (1782).

Eumelia fimbriata, Walker, Cat. Lep. Het. B. M. xxii, p. 612, (1861).

Eumelia fimbriata, Walker, Cat. Lep. Het. B. M. xxii, p. 612, (1861). Eumelia εugeniata, Guén., Phal. i, 394, 633, (1857).

India, Borneo.

3542. Eumelia flagrata.

Eumelia flagrata, Folder & R. Reise, Novara, pl. 127, fig. 39, Q, (1874). Singapore.

3543. Eumelia flavata.

Eumelia flavata, Moore, Lep. Coyl. iii, p. 440, pl. 198, fig. 3, 9, (1887). Ceylon.

3544. EUMELIA LUDOVICATA.

I. M., Andaman Islands (De Roepstorff). Collection Swinhoe, Andaman Islands, Ceylon, Nilgiri Hills.

8545. Eumelia rosalia.

Phalana (Geometra) rosalia, Cram., Pap. Exot. iv, 152, pl. 368, fig. F. (1782).

Phalana rosata, Fabr., Ent. Syst. iii, 2, 175, 164, (1793).

Eumetia rosalia, Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 640; and 1878, p. 851.

Eumetia rosaliata, Duncan, Nat. Hist. Exot. Moths, 215, pl. 29, fig. 4, (1841).

Guén., Phal. i, 392, 626, (1857).

Ametris punicearia, Hübn., Verz. Sch. 303, 2924, (1816).

I. M., Sikkim, Sibsaghar, (Peal), Buxar (Moti Ram), Sylhet, Great Nicobar, Andaman Islands (purchased), Tavoy (Moti Ram), Nicobar Islands (purchased).

Collection Swinhoe, Sylhet, Ceylon.

Also recorded from Java and China.

3546. Eumelia vulperarta.

Phalona (Geometra) vulperaria, Cram., Pap. Exot. iv, 245, pl. 400, figs O, P., (1782).

Ametris vulpenaria, Hübn., Verz. Sch. 303, 2923, (1816).

Eumelia vulpenaria, Guén., Phal. i. 393, 630, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 611, (1861).

Moore, Lep. Ceyl. iii, p. 439, pl. 198, fig. 2, 3. (1887).

Phalona gravidata, Fabr., Ent. Syst. iii, 2, 175, 163, (1793).

Coromandel, Ceylon.

Genus Cacyparis.

3547. CACYPARIS INSOLITATA.

Cacyparis insolitatu, Walker, Cat. Lep. Het. B. M., xxvi, p. 1572, (1862).

Moore, Lep. Ceyl. iii, p. 441, pl. 198, figs. 5, 5a, 3, 2, (1887).

Ballatha atrotumens, Walker, loc. cit. xxxiv, p. 1215, (1865).

Collection Swinhoe, Ceylon.

Also recorded from India.

5548. CACYPARIS LETA.

Ballatha lata, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1215, (1865). N. India.

Genus Almodes.

3549. Almodes repleta.

Almodes repleta, Walker, Char. Undescr. Lep. Het. Lond., p. 111, (1869). Sylhet.

FAMILY EPHYRIDÆ.

Genus Ephyra.

3550. EPHYRA ABHADRACA.

Ephyra abhadraca, Walker, Cat. Lep. Het. B. M. xxii, p. 636, (1861). Cyclophora abhadraca, Moore, Lep. Ceyl. iii, p. 442, pl. 199, figs. 3, 3α, (1887).

Ceylon.

3551. Ephyra dharmsalæ.

Ephyra dharmsala, Butler, Proc. Zool. Soc. Lond. 1883, p. 169. Collection Swinhoe, Dharmsala.

3552. EPHYRA FLUIDARIA.

Ephyra fluidaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, fig. 10, I. M., Karachi (Swinhoe). Collection Swinhoe, Karachi, Poona.

3553. EPHYRA INVEXATA.

Epione (?) invexata, Walker, Cat. Lep. Het B. M., xxvi, p. 1497, (1862). Ephyra invexata, Swinhoe, Proc. Zool. Soc. Lond. 1885; p. 856, and 1886, p. 455.

Cyclophora invexata, Moore, Lep. Ceyl. iii, p. 442, pl. 199, fig. 2, 3, (1887). Ephyra monochromata, Walker, loc. cit. xxvi, p. 1754, (1861).

Collection Swinhoe, Mhow, Belgaum, Poona.

3554. EPHYRA PENDULARIA.

Phalæna (Geometra) pendularia, Linn., Faan. Succ. 1244, (1761).
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	pendularia, Bork., Eur. Schm. v, 255, 111.* Esp., Schm. v, 152, pl. 26, figs. 3 to 5.*
P	——————————————————————————————————————
	— Hübn., Geom., pl. 13, fig. 66.* — Haw., Lep. 311.*
Codunia ve	Frey, Beitr., pl. 54, fig. 2.* endularia, Hübn., Verz. Schm. 303, 2915, (1816).
Cabera per	adularia, Treit., Schm. iii, 1, 361, 9.* adularia, Dup., Lep. v. 35, pl. 172, fig. 5.*
ispagra pe	Steph., Ill. Brit. Haust. iii, 199.* Eversm., Faun. Volg. Ural, 396.*

3554. EPHYRA PENDULARIA—continued.

Ephyra pendularia, Boisd., Ind., 220, 1829.*

Sepp., Schm. vi, pl. 26, figs. 1 to 8.*

Herr Schoeff., Eur. Schm. iii, 31, 86, pl. 58, fig. 357.*

DeLah., Schm. 55.*

Guén., Phal. i, 413, 673, (1857).

Walker, Cat. Lep. Het. B. M., xxii, p. 630, (1861).

Cyclophora pendularia, Moore, Lep. Ceyl. iii, p. 442, (1887).

Phalana circularia, Fabr., Sup. 451 64, 65.

Geometra pupillaria, Brahm., Ins. Kal., ii, 385, 262.*

Ephyra vusarmana, Walker, loc. cit. xxii, p. 637, (1861).

Ceylon, Europe.

3555. EPHYRA QUIETA.

Ephyra quieta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, pl. 56, fig. 1. Cyclophora quieta, Moore, Lep. Ceyl. iii, p. 443, pl. 199, figs. 1, 1a, (1887).

I. M., Nilgiri Hills.

Collection Swinhoe, Bombay, Poona, Nilgiri Hills.

3556. EPHYRA (?) STRIGULATARIA.

Ephyra (?) strigulaturia, Walker, Cat. Lep. Het. B. M. xxvi, p. 1575, (1861).

I. M., Sikkim (purchased, also Barnes), Andaman Islands.

3557. EPHYRA SUBDOLARIA.

Ephyra subdolaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856. Collection Swinhoe, Bombay.

Genus Anisodes.

3558. Anisodes absconditaria.

Anisodes absconditaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1580, (1862).

South India.

3559. Anisodes acuta.

Anisodes acuta, Moore, Lep. Ceyl. iii, p. 445, pl. 215, fig. 9, (1887). Ceylon.

3560. Anisodes arenosaria.

Anisodes arenosaria, Moore, Lep. Ceyl. iii, p. 445, pl. 202, fig. 1, ?, (1887).

Ceylon.

3561. Anisodes caligata.

Anisodes caligata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1584, (1862).

Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 4, 3, (1887).

Ceylon.

3562. Anisodes carnearia.

3563. Anisodes congruaria.

Anisodes congruaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 98.

I. M., Buxar (Moti Ram).

Also recorded from Benares.

3564. Anisodes diffusaria.

Anisodes diffusaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641. Bengal. Allied to A. pluristriaria.

3565. Anisodes hyriaria.

Anisodes hyriaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1617, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 641.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 75, pl. 118, fig. 5, (1886).

I. M., Sikkim.

Collection Swinhoe, Darjiling.

3566. Anisodes ignorata.

<u>Anisodes ignorata</u>, Walker, Cat. Lep. Het. B. M. xxvi, p. 1584, (1862).

Moore, Lep Ceyl. iii, p. 445, (1887).

Ceylon.

3567. Anisodes inapertaria.

Anisodes inapertaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862). South India.

3568. Anisodes interpulsata.

Anisodes interpulsata, Walker, Cat. Lep. Het. B. M. xxii, p. 642, (1861). India.

3569. Anisodes lidderdalii.

Anisodes lidderdalii, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 220.

Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 6, (1886).

Collection Swinhoe, Sikkim.

3570. Anisodes lunulosa.

Anisodes lunulosa, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 8-(1887).

India.

3571. Anisodes moorei.

Anisodes similaria, Moore (nec Walker), Proc. Zool. Soc. Lond. 1867, p. 641.

Bengal.

3572. Anisodes nebulosata.

Anisodes nebulosata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1583, (1862).

—— Moore, Lep. Ceyl. iii, p. 455, pl. 199, fig. 5, \$\rm \$, (1887)\$.

Ceylon.

3573. Anisodes obrinaria.

Ephyra obrinaria, Guén., Phal. i, 414, 675, (1857).

Walker, Cat. Lep. Hiet. B. M. xxii, p. 636, (1861).

Anisodes obrinaria, Moore, Lep. Ceyl. iii, p. 443, pl. 199, fig. 4 a, Q, (1887).

Anisodes obliviaria, Walker, loc. cit. xxii, p. 643, Q, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 640.

-— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856.

I. M., Andaman Islands. Collection Swinhoe, Bombay. Also recorded from Ceylon.

3574. Anisodes ovisignata.

Anisodes ovisignata, Moore, Lep. Ceyl. iii, p. 414, (1887).

Anisodes responsaria (var.), Walker, Cat. Lep. Het. B. M. xxii, p. 648, (1861).

Ceylon.

3575. Anisodes pallida.

Anisodes pallida, Moore, Lep. Ceyl. iii, p. 445, pl. 201, fig. 11, (1887). Ceylon.

3576. Anisodes pallivittata.

Anisodes pallivittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 641. Bengal.

3577. Anisodes patruelis.

Anisodes patruelis, Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 10, 2, (1887).

Ceylon.

3578. Anisodes pluristriaria.

I. M., Sikkim (Barnes), Sibsaghar (Peal). Collection Swinhoe, Darjiling.

3579. Anisodes punctifera.

Anisodes punctifera, Butler, Ann. Nat. Hist. (5) vi. (1880), p. 220.

Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 7, (1886).

Collection Swinhoe, Sikkim.

3580. Anisodes (?) Pyriniata.

Anisodes (?) pyriniata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861). Kanara.

3581. Anisodes sanguinaria.

Anisodes sanguinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641. Collection Swinhoe, Darjiling.

3582. Anisodes similaria.

Anisodes similaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861). India.

3583. Anisodes subroseata.

Anisodes subroscata, Walker, Cat. Lep. Het, B. M. xxvi, p. 1583, (1862).

Moore, Lep. Ceyl. iii, p. 445, (1887).

Ceylon.

3584. Anisodes (?) vinacearia.

Anisodes (f) vinacearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 642. Bengal.

Genus Borbacha.

3585. BORBACHA PARDARIA.

Anisodes pardaria, Guén., Phal. i, 420, 689, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 646, (1861).

Borbacha pardaria, Moore, Lep. Ceyl. iii, p. 447, pl. 199, fig. 9, 3, (1887).

Ceylon, Borneo.

Genus Synogia.

3586. Synegia imitaria.

Anisodes imitaria, Walker, Cat. Lep. Het. B. M. xxii, p. 643, (1861). Synegia imitaria, Moore, Lep. Ceyl. iii, p. 446, (1887). Anisodes (?) obrimaria, Walker, loc. cit. xxii, p. 644, (1861). Ceylon.

3587. Synegia infixaria.

Caberodes infixaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1513, (1862). Synegia infixaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 75, pl. 118, fig. 4, (1886).

Collection Swinhoe, Darjiling.

Genus Drapetodes.

3588. DRAPETODES BILINEATA.

Drapetodes bilineata, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 98.

Benares.

3589. DRAPETOUES FRATERCULA.

Drapetodes fratercula, Moore, Lep. Ceyl. iii, p. 541, pl. 200, figs. 1, 1a, 3, (1887).

Ceylon.

3590. Drapetodes mitaria.

Genus Argidava.

3591. ARGIDAVA IRRORATA.

Argidava irrorata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887). Darjiling.

3592. ARGIDAVA PUNCTATA.

Argidava punctata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 128.

Ill. Typ. Lep. Het. B. M. vi, p. 67, pl. 117, fig. l, (1886).

Collection Swinhoe, Darjiling.

FAMILY CABERIDÆ.

Genus Cabera.

3593, CABERA MARGARITA.

Cabera margarita, Moore, Proc. Zool. Soc. Lond. 1867, p. 647. Collection Swinhoe, Solun, Sikkim.

3594. CABERA PLATYLEUCATA.

Acidalia platyleucata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866). Cabera platyleucata, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

I. M., Sikkim.

Collection Swinhoe, Darjiling,

Genus Terpnomicta.

3595. TERPNOMICIA NIGRARENARIA.

Stegania (?) nigrarenaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 864, (1861).

Terpnomicta nigrarenaria, Moore, Lep. Ceyl. iii, p. 463, (1887).

Ceylon.

Genns Stegania.

3596. STEGANIA LATIFASCIATA.

Stegania latifasciata, Moore, Descr. Ind. Lep. Atk., p. 260, (1887). Darjiling.

3597. STEGANIA PURPURASCENS.

Stegania purpurascens, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 19, (1887).

Darjiling.

3598. STEGANIA UVIDULA.

Stegania uvidula, Swinhee, Proc. Zool. Soc. Lond. 1885, p. 860; and 1886, p. 455.

Collection Swinhoe, Mhow, Poona.

Genus Deilinia.

3599. DEILINIA COSTATA.

Deilinia costata, Moore, Lep. Ceyl, iii, p. 463, pl. 204, fig. 3, (1887). Ceylon.

Genus Toldenia.

3600. Teldenia alba.

Teldenia alba, Moore, Lep. Ceyl. ii, p. 120, pl. 124, figs. 1, 1a, 3, 2, 1b, larva, (1882).

Ceylon.

3601. TELDENIA VESTIGIATA.

Corycia vestigiata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.

Teldenia vestigiata, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig. 10, (1886).

Darjiling.

Genus Corycia.

3602. Corycia alba.

Corycia alba, Moore, Descr. Ind. Lep. Atk., p. 261, (1887). Darjiling.

3603. CORYCIA CINERASCENS.

Corycia cinerascens, Moore, Descr. Ind. Lep. Atk., p. 261, (1887). Darjiling.

3604. Corycia mytylata.

Corycia mytylata, Guén., Phal. ii, 58, 991, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 873, (1861).

N. India.

FAMILY MACARIDÆ.

Genus Macaria.

3605. MACARIA ACUTARIA.

Macaria acutaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100. Benares.

3606. MACARIA BOARIA.

Macaria boaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861, pl. 56, fig. 12, 3.

Collection Swinhoe, Poona. Allied to M. indotata.

3607. MACARIA (?) CESSARIA.

Macaria (?) cessaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 936, (1861).

Moore, Lep. Ceyl. iii, p. 466, (1887).

Ceylon.

3608. MACARIA DELETARIA.

Macaria deletaria, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 14, Darjiling.

3609. MACARIA EMERSARIA.

I. M., Ranchi (Irvine), Sibsaghar. Collection Swinhoe, Sikkim, Nilgiri Hills. Also recorded from Ceylon.

3610. MACARIA FRUGALIATA.

Macaria frugaliata, Guén., Phal. ii, 78, 1031, (1857).

Walker, Cat. Lep. Het, B. M. xxiii, p. 924, (1861).
India.

3611. MACARIA INDISTINCTA.

Macaria indistincta, Moore, Descr. Ind. Lep. Atk., p. 261, (1887). Khasi Hills.

3612. MACARIA INTEGRATA.

Macaria integrata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862). S. India.

3613. MACARIA POSTICARIA.

Macaria posticaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99,(1869). Benares.

3614. MACARIA SOLITARIA.

Macaria solitaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99, (1869). Benares.

3615. MACARIA (?) SUBCAUDARIA.

Macaria (?) subcaudario, Walker, Cat. Lep. Het. B. M. xxiii, p. 936, (1861).

Moore, Lep. Ceyl. iii, p. 467, (1887).

Ceylon.

3616. MACARIA SUBTESSELLATA.

Macaria subtessellata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862). Kanara.

Genus Tephrina.

3617. TEPHRINA ARENARIA.

Tephrina arenaria, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48, fig. 13.

Macaria arenaria, Swinhoe, loc. cit., 1886, p. 456.

Collection Swinhoe, Mhow, Karachi.

Allied to M. arenacearia, Hübn., of Europe.

3618. TEPHRINA BOLINA.

Macaria bolina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861. Collection Swinhoe, Poona, Bombay, Alibagh, Purundhur. Allied to T. falsaria.

3619. TEPHRINA CACAVENA.

Macaria cacavena, Walker, Cat. Lep. Het. B. M. xxiii, p. 930, (1861).

Tephrina cacavena, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 11, 12, ♂, ♀,

(1887).

Collection Swinhoe, Ceylon.

3620. TEPHRINA FALSARIA.

Macaria (?) falsaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, 3. (1862).

Tephrina falsaria, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 1, 2, 3, \$\varphi\$, (1887),

Aspilates parallelaria, Walker, loc. cit. xxvi, p. 1680, \$\varphi\$, (1862).

Ceylon.

3621. TEPHRINA INDOTATA.

Aspilates indotata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862). N. India.

3622. TEPHRINA INFIRMATA.

Macaria infirmata, Walker, Cat. Lep. Het. B. M. xxxv, p 1657, (1866). Ceylon.

3623. TEPHRINA INFRICTARIA.

Macaria infrictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862. Collection Swinhoe, Poona. Allied to T. falsaria.

3624. TEPHRINA MODESTA.

Tephrina modesta, Moore, Lep. Ceyl. iii, p. 471, pl. 204, fig. 6, 3, (1887). Ceylon.

S625. TEPHRINA OSSEA.

Tephrina ossea, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353, pl. 9, fig. 9.

Collection Swinhoe, Quetta.

Allied to T. fulsaria.

3626. TEPHRINA PEREMPTARIA.

3627. TEPHRINA PULINDA.

Cleora (?) pulinda, Walker, Cat. Lep. Het. B. M. xxi, p. 333, (1860).

Tephrina pulinda, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 7, 8, \$, \$, 1887.

Macaria granitalis, Swinhoe, loc. cit. 1885, p. 861.

Collection Swinhoe, Mhow, Poona.

Also recorded from Ceylon.

3628. TEPHRINA SCOTOSIARIA.

Tephrina scotosiaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100.

Benares.

3629. TEPHBINA STRENUATA.

I. M., Karachi.

Collection Swinhoe, Karachi, Hydrabad (Sind).

3630. TEPHRINA ZEBRINA.

Tephrina zebrina, Butler, Proc. Zool. Soc. Lond. 1883, p. 171.

Macaria zebrina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861; and 1886, p. 456.

I. M., Poona, Collection Swinhoe, Mhow, Poona, Bombay, Calcutta.

Allied to T. strenuala.

Genus Gubaria.

3631. GUBARIA ELVIRATA.

Macaria elvirata, Guén., Phal. ii, 90, 1064, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 934, (1861).

N. India.

3632. GUBARIA FASCIATA.

Phalana fasciata, Fabr., Syst. Ent. 629, (1775); Ent. Syst. iii, 2 164, (1793).

Gubaria fusciata, Moore, Lep. Ceyl. iii, p. 464, pl. 203, figs. 6, a, b, (1887).

Phalana eleonora, Cram., Pap. Exot. iii, 172, pl. 288, figs. E, F, G, (1782).

Macaria eleonora, Walker, Cat. Lep. Het. B M. xxiii. p. 933, 7(1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 648.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860; and 1886, p. 455.

Macaria eleonorata et victorinata, Guén., Phal. ii. p. 89, 1062; and p. 90, 1063, (1857).

I. M., Buxar (Moti Ram), Ranchi (Irvine), Sikkim. Collection Swinhoe, Darjiling, Solun, Kasauli, Nilgiri Hills, Mhow, Bombay.

3633. GUBARIA METAGONARIA.

Azelina metagonaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1518, (1862).

Macaria metagonaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 78p, pl. 118, and 11, (1886).

I. M., Sikkim.

Collection Swinhoe, Darjiling, Bombay, Matheran, Mahableshwar.

3634. GUBARIA NORA.

Macaria nora, Walker, Cat. Lep. Het. B. M. xxiii, p. 934, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 648; 1877, p. 633; and 1878, p. 851.

Gubaria nora, Moore, Lep. Ceyl. iii, p. 465, pl. 203, figs. 5, 5a, (1887).

I. M., Sikkim (Barnes), Buxar (Moti Ram). Collection Swinhoe, Darjiling, Ceylon.

3635. GUBARIA XANTHONORA.

Macaria canthonora, Walker, Cat. Lep. Het. B. M. xxiii, p. 935, (1861).

Butler, Ill. Typ. Lep. Het. B. M., vi, p. 78, pl. 118, fig. 12, (1886).

I. M., Buxar (Moti Ram). Collection Swinhoe, Sikkim, Nilgiri Hills.

Genus Gonodela.

3636. GONODELA DIPLOTATA.

Semiothisa diplotata. Felder & R. Reise, Novara, pl. 128, fig. 16, &, (1874). Bengal, Kalitimga.

3637. GONODELA EFFUSATA.

3638. GONODELA FIDONIATA.

Macaria fidoniata, Guén., Phal. ii, 78, 1030, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).

N. India.

3639. GONODELA HEBESATA.

Macaria hebesata, Walker, Cat. Lep. Het. B. M., xxiii, p. 931, (1861). Collection Swinboe, Mhow. Also recorded from China.

3640. GONODELA HONORARIA.

Macaria honoraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 928, (1861). Gonodela honoraria, Moore, Lep. Ceyl. iii, p. 468, pl. 205, fig. 12, ♀, (1887).

Macaria permotaria, Walker, loc. cit. xxiii, p. 926, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 648.

Ceylon, Sylhet.

3641. GONODELA HORRIDARIA.

Gonodela horridaria, Moore, Descr. Ind. Lep. Atk., p. 262, (1887). I. M., Sikkim (Barnes), Buxar (Moti Ram). Collection Swinhoe, Solun, Sikkim.

3642. Gonodela inchoata.

Macaria incheata, Walker, Cat. Lep. Het. B. M. xxiii, p. 931, (1861). Collection Swinhoe, Bombay.

3643. GONODELA KHASIANA.

Gonodela khasiana, Mcore, Descr. Ind. Lep. Atk., p. 262, (1887). Khasi Hills.

3644. Gonodela myandaria.

Macaria myandaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, (1862).

Butler, Proc. Zool. Soc. Lond. 1881, p. 616.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.

Collection Swinhoe, Matherau.

3645. Gonodela pervolgata.

Macaria percolgata, Walker, Cat. Lep. Het. B. M. xxiii, p. 930. (1861).

Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 860.

Collection Swinhoe, Poona.

Also recorded from the Punjab.

E646. GONODELA PLACIDA.

Gonodela placida, Moore, Descr. Ind. Lep. Atk., p. 262, (1887). Calcutta, Bombay.

3647. GONODELA STRENIATARIA.

Macaria streniataria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1646, (1861).

Moore, Proc. Zool. Soc. London, 1867, p. 648.

1. M., Calcutta, Karachi. Collection Swinhoe, Karachi, Hydrabad (Sind).

3648. GONODELA SUFFLATA.

. Rawalpindi, Ceylon.

3649. GONODELA VASUDEVA.

Collection Swinhoe, Nilgiri Hills, Bombay. Also recorded from Ceylon.

Genus Evarzia.

3650. EVARZIA INDICA.

Evarzia indica, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.

111. Typ. Lep. Het. B. M. vi, p. 79, pl. 118, fig. 13, (1886).

Darjiling.

3651. EVARZIA PERSPICUARIA.

Macaria perspicuaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647. Collection Swinhoe, Sikkim.
Allied to Evarzia ozararia, Walker, of Borneo.

3652. EVARZIA TRILINEARIA.

Evarzia trilinearia, Moore, Descr. Ind. Lep. Atk., p. 263, (1887). Darjiling.

Genus Zeheba.

3653. ZEHEBA AUREATA.

Zeheha aureata, Moore, Descr. Ind. Lep. Atk., p. 263, (1887). Darjiling.

3654. Zeheba marginata.

Evarzia marginata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1561, \(\foatgap \), (1866). Zeheba marginata, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 8, \(\foatgap \), (1887). Ceylon, Java.

Genus Azata.

3655. AZATA FERRUGINATA.

Azata ferruginata, Moore, Lep. Ceyl. iii, p. 470, pl. 205, fig. 2, (1887). Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

3656. AZATA QUADRARIA.

Azata quadraria, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 1, (1887). Ceylon.

Genus Carige.

3657. CARIGE LUNULINEATA.

Carige lunulineata, Moore, Descr. Ind. Lep. Atk., p. 263, pl. 8, fig. 26, (1887). Darjiling.

Genus Zarmigethusa.

3658. ZARMIGETHUSA BIANGULIFERA.

Zarmigethusa biangulifera, Moore, Descr. Ind. Lep. Atk. p. 263, (1887). Darjiling.

3659. ZARMIGETHUSA EXTERSARIA.

Macaria extersaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 926, (1861). India.

3660. ZARMIGETHUSA MINOR.

Zarmigethusa minor, Moore, Descr. Ind. Lep. Atk. p. 264, (1887). Calcutta.

Genus Krananda.

3661. KRANANDA SEMIHYALINA.

Krananda semihyalina, Moore, Proc. Zool. Soc. Lond. 1867, p. 648. Bengal.

FAMILY FIDONIDE.

Genus Sterrha.

3662. STERRIIA PAULULA.

Sterrha paulula, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 41, fig. 7. Collection Swinhoe, Mhow.

3663. STERRHA SACRARIA.

Phalana (Geometra) sacraria, Linn., Syst. Nat. i, 2, p. 863, 220, (1766).

Phalana sacraria, Fabr., Sp. Ins. ii, 252, 57, (1781).

Mant. Ins. ii, 195, 88, (1787).

Ent. Syst. iii, 2, 159, 106, (1793).

Geometra sacraria, Esp., Schm. v, 171, pl. 30, figs. 8, 9, (1794).*

Hübn., Geom., pl. 38, fig. 200, (1805—24).*

Aspilates sacraria, Dup., Lep. v, 121, pl. 178, fig. 7, (1832).*
Sterrha sacraria, Herr. Sch., Eur. Schm. iii, 108, 6, pl. 43, fig. 264.*

3663. STERRHA SACRARIA,—contd.

Sterrha sacraria, Guén., Phal. ii, p. 175, 1206, (1857). - Walker, Cat. Lep. Het. B. M. xxiv, p. 1058, (1862). - Moore, Proc. Zool. Soc. Lond. 1867, p. 649. - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528; 1885, p. 862, and 1886, p. 456.

Trans. Eut. Soc. Lond. 1885, p. 352. Butler, Proc. Zool. Soc. Lond. 1886, p. 390. Geometra sanguinaria, Esper. Schm. v, p. 173, pl. 30, figs. 10, 11. I. M., Kulu (Young). Collection Swinhoe, Kandahar, Quetta, Karachi, Mhow, Jacob-

abad, Mahableshwar, Alibagh,

Also recorded from Europe.

Genus Rumia.

3664. Rumia ablunata.

Rumia ablunata, Guén., Phal. i, 110, 170, (1857). - Walker, Cat. Lep. Het. B. M. xx, p. 138, (1866). India.

3665. Rumia mimulina.

Rumia mimulina, Butler, Proc. Zool. Soc. Lond. 1886, p. 388.

I. M., Kulu (Young).

Collection Swinhoe, Thundiani (Punjab).

3666. RUMIA PANGIARIA.

Ophistograptis pangiaria, Felder & R. Reise, Novara, pl. 123, fig. 4, 3, (1873).

I. M., Kulu (Young). Collection Swinhoe, Solun.

3667. RUMIA SULPHUREA.

Rumia sulphurea, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 123. - III. Typ. Lep. Het. B. M. vi, p. 54, pl. 114, fig. 6, (1886).

Darjiling.

3668. Rumia tridentifera.

Rumia tridentifera, Moore, Descr. Ind. Lep. Atk., p. 230, (1887). Darjiling.

Genus Phyletis.

3669. Phyletis cinerascens.

Phyletis cinerascens, Moore, Descr. Ind. Lep. Atk., p. 264, (1887). Kashmir, Pir (Punjab).

3670. PHYLETIS HERBICOLENS.

Delocharis herbicolens, Butler, Proc. Zool. Soc. Lond. 1883, p. 173. Phyletis herbicolens, Butler, Proc. Zool. Soc. Lond. 1886, p. 391. Collection Swinhoe, Solun.

3671. PHYLETIS INCONSPICUA.

Phyletis inconspicua, Butler, Proc. Zool. Soc. Lond. 1886, p. 391.

Murree.

Allied to P. meonaria.

3672. PHYLETIS KHASIANA.

Phyletis khasiana, Moore, Descr. Ind. Lep. Atk., p. 264, (1887). Khasi Hills.

3673. PHYLETIS MEONARIA.

Phyletis mconaria, Guén., Phal. ii, 170, 1199, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

N. India.

3674. PHYLETIS PELLONIARIA.

Phyletis pelloniaria, Guén., Phal. ii., 169, 1197, (1867).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

Collection Swinhoe, Thundiani (Punjab).

3675. PHYLETIS SIMILATA.

Phyletis similata, Moore, Descr. Ind. Lep. Atk., p. 264, (1887). Khasi Hills.

Genus Fidonia.

3676. FIDONIA ALBOFASCIA.

Fidonia albofascia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48, fig. 14.

Collection Sprinhoe, Karashi, Hydrahad (Sind)

Collection Swinhoe, Karachi, Hydrabad (Sind).

3677. FIDONIA (?) DUPLICATA.

Fidonia (P) duplicata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1035, (1862). N. India.

Genus Epifidonia.

3678. EPIFIDONIA SIGNATA.

Epifidonia signata, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35. fig. 9.

I. M., Kulu (Young).

Genus Aspilates.

3679: ASPILATES (?) DISISTARIA.

Aspilates (?) disistaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1073, (1862). N. India.

3680. ASPILATES FALCONARIA.

Aspilates falconaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1665, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

Collection Swinhoe, Darjiling.

3681. ASPILATES OBLIQUARIA.

Aspilates obliquaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 649. Collection Swinhoe, Kasauli.

Genus Corymica.

3682. Corymica arnearia.

Corymica arnearia, Walker, Cat. Lep. Het. B. M. xx, p. 231, \$\mathbb{Q}\$, (1860).

Moore, Proc. Zool. Soc. Lond. 1878, p. 851.

Lep. Ceyl. iii, p. 473, pl. 205, figs. 9, 10,(1887).

Caprilia vesicularia, Walker, loc. cit., xxxv, p. 1569, \$\mathcal{E}\$, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

I. M., Ceylon (Colombo Museum).

I. M., Ceylon (Colombo Museum) Collection Swinhoe, Ceylon.

Also recorded from Tenasserim and Assam.

3653. Corymica caustolomaria.

Corymica caustolomaria, Moore, Descr. Ind. Lep. Atk., p. 231, (1887). Darjiling.

3684. CORYMICA SPECULARIA.

Caprilia specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 649, pl. 33, fig. 11.

I. M., Ceylon (Colombo Museum). Collection Swinhoe, Assam.

Genus Nobilia.

3635. Nobilia turbata.

Nobilia turbata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1098, (1862).

Moore, Proc. Zool, Soc. Lond. 1867, p. 650.

I. M., Sibsaghar, Sikkim (Barnes), Andaman Islands (De Roepstorff).
 Collection Swinhoe, Sikkim.

Genus Gamoruna.

3686. GAMORUNA PALPARIA.

Panagra palparia, Walker, Cat. Lep. Het. B. M. xxiii. p. 988, (1861). Gamoruna palparia, Moore, Descr. Ind. Lep. Atk., p. 265, (1887). India.

Genus Ozola.

3687. Ozola microniaria.

Ozola microniaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1080, (1862).

Moore, Lep. Ceyl. iii, p. 474, pl. 204, figs. 9, 10, 3, 9, (1887).

Phibalanterix acutata, Walker, loc. cit., xxv, p. 1340, (1862).

Phibalapterix acutata, Walker, loc. cit., xxv, p. 1340, (1862). Ceylon.

Genus Oruza.

36SS, ORUZA COSTATA.

Oruza costata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1089, (1862). India.

Genus Hileia.

3689. HILEIA CRAMBISATA.

Hileia crambisata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1100, (1862). N. India.

Genus Utidava.

3690. UTIDAVA INCOMPTARIA.

Utidava incomptaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1689, (1862). Ceylon.

Genus Prionia.

3691. PRIONIA SQUALIDARIA.

Genus Osicerda.

3692. OSICERDA COSTIMACULATA.

Osicerda costimaculata, Moore, Proc. Zool. Soc. Lond 1867, p. 650. Collection Swinhoe, Sikkim.

3693. OSICERDA TRINOTARIA.

Osicerda trinotaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 650. Collection Swinhoe, Sikkim.

Genus Zomia.

3694. Zomia incitata.

Omiza incitata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1085, (1862). Zomia incitata, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.

I. M., Sikkim (purchased, also Barnes), Andaman Islands (purchased).
Collection Swinhoe, Darjiling, Khandalla, Nilgiri Hills.

3695. Zomia serpentinaria.

Timandra (?) serpentinaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1634. (1866).

Zomia serpentinaria, Moore, Lep. Ceyl. iii, p. 475, (1887).

Ceylon.

3696. Zomia Pallida.

Zomia pallida, Moore, Proc. Zool. Soc. Lond. 1877, p. 622. Andaman Islands.

Genus Plutodes.

3697. PLUTODES CYCLARIA.

Plutodes cyclaria, Guén., Phal. ii, 118, 1111, pl. 20, fig. 3, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).

Collection Swinhoe, Solun, Punjab.

3698. PLUTODES DISCIGERA.

Plutodes discigera, Butler, Ann. Nat. Hist. 5, vi, (1880), p. 223.

Ill. Typ. Lep. Het. B. M., vi, p. 80, pl. 119, fig. 2, (1886).

Collection Swinhoe, Sikkim.

3699. Plutodes exquisita.

Plutodes exquisita, Butler, Ann. Nat. Hist., (5) vi. (1880), p. 223.

Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119, fig. 4, (1886).

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim.

3700. PLUTODES FLAVESCENS.

Plutodes flavescens, Butler, Ann. Nat. Hist.; (5) vi, (1880), p. 223.

Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119, fig. 3, (1886).

I. M., Sikkim (purchased).

3701. PLUTODES SUBCAUDATA.

Plutodes subcaudata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.

Ill. Typ. Lep. Het. B. M. vi, p. 81, pl. 119, fig. 5, (1886).

Darjiling.

3702. PLUTODES TRANSMUTATA.

Plutodes transmutata, Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 79, pl. 119, fig. 1, (1886).

Moore, Lep. Ceyl iii, p. 472, pl. 205, fig. 7, (1887).

Comibana gavisata, Walker, loc. cit. xxvi, p. 1566, (1862).

Collection Swinhoe, Khandalla.

Genus Achrosis.

3703. Achrosis pyrrhularia.

I. M., Sibsaghar (Peal), Sikkim (purchased). Collection Swinhoe, Sylhet.

3701. Acurosis rufescens.

Pagrasa rufescens, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.

111. Typ. Lep. Het. B. M. vi, p. 81, pl. 119, fig. 6, (1886).

I. M., Sikkim (purchased).

Genus Hypochrosis.

3705. Hypochrosis festivaria.

Phalana festivaria, Fabr., Ent. Syst. iii, 2, 152, 84, (1793).

Hypochrosis festivaria, Gnén., Phal. ii, 537, 1777, (1857).

Walker, Cat. Lep. Het. B. M., xxv, p. 1476, (1862).

India.

3706. Hypochrosis hyadaria.

Hypochrosis hyadaria, Guén., Phal. ii, 537, 1776, (1857).

Walker, Cat. Lep. Het. B. M., xxv, p. 1475, (1862).
India.

3707. Hypochrosis Jasminaria.

3708. HYPOCHROSIS STERNARIA.

<u>Hypochrosis sternaria</u>, Guén., Phal. ii, 537, 1775, (1857).

Walker, Cat. Lep. Het. B. M., xxv, p. 1475, (1862).
India.

Genus Janarda.

5709. JANARDA ACUMINATA.

Janarda acuminata, Moore, Descr. Ind. Lep. Atk. p. 265, (1887). Darjiling.

FAMILY ZERENIDÆ.

Genus Rhyparia.

3710. RHYPARIA DUCTARIA.

Rhyparia ductaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1111, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

3711. RHYPARIA MACULATA.

Rhyparia maculata, Proc. Zool. Soc. Lond. 1867, p. 651. Bengal.

3712. RHYPARIA TRANSECTATA.

Rhyparia transectata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1112, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.

Collection Swinhoe, Khandalla.

Also recorded from the Himalayas.

Genus Percnia.

3713. PERCNIA BELLUARIA.

Percnia belluaria, Guén., Phal. ii, 217, 1279, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

I. M., Sikkim, Shillong.

3714. PERCNIA FELINARIA.

Percnia felinaria, Guén., Phal. ii, p. 216, 1278, pl. 19, fig. 1, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Naga Hills, Khasi Hills, Sikkim (purchased). Collection Swinhoe, Sylhet, Assam.

3715. PERCNIA FORARIA.

Percnia foraria, Guén., Phal. ii, 217, 1280, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

India, China.

3716. Percnia guttata.

Percnia guttata, Felder & R. Reise, Novara, pl. 130, fig. 15, &, (1874). Darjiling.

Genus Nelcynda.

3717. NELCYNDA RECTIFICATA.

Nelcynda rectificata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1142, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

Bengal.

Genus Vindusara.

3718. VINDUSARA COMPOSITATA.

Abraxas compositata, Guén., Phal. ii, p. 207, 1266, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1120, (1862).

Vindusara compositata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653, pl. 32, fig. 6.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

3719. VINDUSARA METACHROMATA.

Abraxas metachromata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862).

Vindusara metachromata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 84, pl. 120, fig. 1, (1886).

I. M., Kulu (Young), Mussourie (Templeton). Collection Swinhoe, Solun, Darjiling.

Genus Icterodes.

3720. ICTERODES CONSOCIA.

Abraxas consocia, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 226. Icterodes consocia, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 84. pl. 119, fig. 11, (1886).

N.-E. Himalayas.

3721. ICTERODES CONSPERSA.

Abraxas conspersa, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 225. Icterodes conspersa, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 83, pl. 119, fig. 10, (1886).

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim. Allied to *I. lapsariala*.

3722. ICTERODES LAPSARIATA.

Abraxas lapsariata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1121, (1862).

Moore, Proc. Zool. Soc. Lond., 1867, p. 652.

I. M., Cherrapunji, Belaspur.

Genus Calcula.

3723. CALCULA EXANTHEMATA.

Calcula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 266, (1887). Darjiling.

Genus Metabraxas.

3724. METABRAXAS FALCIPENNIS.

Metabraxas falcipennis, Moore, Descr. Ind. Lep. Atk., p. 266, pl. 8, fig, 29, (1887).

Khasi Hills.

Genus Callabraxas.

3725. CALLABRAXAS AMANDA.

Callabraxas amanda, Butler, Ann. Nat. Hist. (5), vi. (1886), p. 226.

111. Typ. Lep. Het. B. M. vi, p. 84, pl. 119, fig. 12, (1886).

Darjiling.

3726. CALLABRANAS LANGUIDATA.

Abraxas languidata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862). Collection Swinhoo, Toksi. Also recorded from Nepal.

Genus Abraxas.

3727. ABRAXAS CATENARIA.

Melanippe catenaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, pl. 33 fig. 9.

Collection Swinhoe, Darjiling.

3728. ABRAXAS COUAGGARIA.

India.

3729. ABRANAS DETRITARIA.

Abraxas detritaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1125, (1862) and xxvi, p. 1694, (1862).

S. India.



3731. ABRAXAS FUSCESCENS.

Abraxas fuscescens, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35, fig. 10.

I. M., Kulu (Young).

Also recorded from the Punjab.

3732. ABRAXAS GIRAFFATA.

Abraxas giraffata, Guén., Phal. ii, 205, 1258, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).

Collection Swinhoe, Darjiling.

Also recorded from China.

3733. ABRAXAS HYPSATA.

Abraxas hypsata, Felder & R. Reise, Novara, pl. 130, fig. 16, (1874). India.

3734. ABRANAS IRRORATA.

Abraxas irrorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 652. Davjiling.

3735. ABRAXAS LABRARIA.

Abraxas labraria, Guén., Phal. ii, 203, 1255, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1127, (1862).
India.

3736. ABRAXAS LEOPARDINA.

Zerene leopardina, Koll., Hug. Kasch. iv, 490, (1848).

Abraxas leopardinata, Guén., Phal. ii, p. 206, 1262, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1119, (1862);
and xxvi, p. 1694, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Sikkim (purchased), Kulu (Young), North Khasi Hills.

Collection Swinhoe, Solun, Kangra, Sylhet.

3737. ABRAXAS MARTARIA.

Allied to A. martaria.

I. M., Kulu (Young), Sibsaghar (Peal), Cherrapunji, Buxar (Moti Ram), Sylhet, North Khasi Hills, Sikkim. Collection Swinhoe, Sylhet.

3738. ABRAXAS PARDARIA.

Abraxas pardaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 652. Bengal.

3739. ABRAXAS PICARIA.

Abraxas picaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 652. Bengal.

3740. ABRAXAS PUSILLA.

Abraxas pusilla, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 225.

Ill, Typ. Lep. Het. B. M., p. 83, pl. 119, fig. 9, (1886).

Collection Swinhoe, Darjiling. Allied to A. leopardina.

3741. ABRAXAS SPONTANEATA.

Abraxas spontaneata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1120, (1862).

N. India.

3742. ABRAXAS (?) TENEBRARIA.

Abraxas (?) tenebraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 653. Collection Swinhoe, Sikkim.

3743. ABRAXAS TIGRATA.

3744. ABRAXAS VIRGINALIS.

Abraxas virginalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl 35, fig. 11.

Collection Swinhoe, Pegu. Also recorded from Murree.

Genus Naxa.

3745. NAXA PUNCTICILIA.

Nava puncticilia, Moore, Proc. Zool. Soc. Lond. 1872, p. 575. Nilgiri Hills.

3746. NAXA TEXTILIS.

Naxa textilis, Walker, Cat. Lep. Het. B. M. vii, p. 1743, (1856).

Moore, Journ. As. Soc. Beng. vol. liii, pt. 2, No. 3, (1884).

 M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).
 Collection Swinhoe, Sylhet, Ceylon.

Genus Potera.

3747. POTERA MARGINATA.

Potera marginata, Moore, Proc. Zool. Soc. Lond. 1878, p. 852, pl. 53, fig. 9.

Tenasserim.

Genus Orthostixis.

3748. Obthostixis hügeli.

Orthostixis hügeli, Felder & R. Reise, Novara, pl. 130, fig. 19, &, (1874). Sylhet, Kashmir.

Genus Hybernia.

3749. Hybernia hybernaria.

Hybernia hybernaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862, pl. 56, fig. 4.

Bombay.

Genus Onellaba.

3750, ONELLABA BOTYDATA.

Onellaba botydata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1140, (1862). S. India.

Genus Ligdia.

3751. LIGDIA COCTATA.

Ligdia coctata, Guén., Phal. ii, 210, 1270, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1128, (1862).

N. India.

Genus Thaleridia.

3752. THALERIDIA PRUINOSA.

Thaleridia pruinosa, Moore, Descr. Ind. Lep. Atk., p. 267, (1887). Darjiling.

FAMILY LARENTIDÆ.

Genus Oporabia.

3753. Oporabia macularia.

Oporabia macularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 653. Bengal.

Gonus Lycauges.

3754. LYCAUGES ALBATUS.

Lycanges albatus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852, pl. 56, fig. 5.

Collection Swinhoe, Poona, Karachi.

3755. Lycauges defamataria.

Acidalia defamataria, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861). Idaa defamataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857. Lycauges defamataria, Moore, Lep. Ceyl. iii, p. 456, pl. 201, fig. 2 ?, (1887).

Collection Swinhoe, Poona, Bombay, Karachi, Nilgiri Hills, Alibagh.

Also recorded from Ceylon.

3756. LYCAUGES DEMISSUS.

Lycauges demissus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456. Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh.

3757. LYCAUGES POSTVITTATA.

Lycauges postvittata, Moore, Lep. Ccyl. iii, p. 456, pl. 201, fig. 12 ?, (1887).

Ceylon.

Genus Larentia.

3758. LARENTIA AERATA.

Larentia aerata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654. I. M., Sikkim.

3759. LARENTIA CONTURBATA.

Larentia conturbata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1703, (1862).

I. M., Kulu (Young).

Collection Swinhoe, Cashmir, Solun, Nilgiri Hills, Thundiani (Punjab).

3760. LARENTIA EXLITURATA.

Larentia extiturata, Walker, Cat. Lep. B. M. xxiv, p. 1195, (1862). Collection Swinhoe, Solun.

3761. LARENTIA FISSIFERATA.

Larentia fissiferata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862).

Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

Collection Swinhoe, Nilgiri Hills.

3762. LARENTIA INDICARIA.

Eubolia indicaria, Guén., V. Delessert, 97, pl. 26, fig. 4, (1843).

Larentia indicaria, Guén., Phal. ii, 269, 1340, (1857).

Walker, Cat. Lep. fiet. B. M. xxiv, p. 1193, (1862).

Enbolia hedicaria, Walker, loc. cit. xxvi, p. 11739, (1862).

Nilgiri Hills.

3763. LARENTIA INTERMIXTA.

Larentia intermicta, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862). S. India.

3764. LARENTIA OCHREATA.

Larentia ochreata, Moore, Descr. Ind. Lep. Atk., p. 267, (1887). Darjiling.

3765. LARENTIA PERFICITA.

Lucia perficita, Walker, Cat. Lep. Het. B. M. xv, p. 1809, (1858). Larentia perficita, Moore, Lep. Ceyl. iii., p. 478, (1887). Larentia comprensata, Walker, loc. cit., xxvi, p. 1703, 3, (1862). Ceylon.

3766. LARENTIA VARIEGATA.

Larentia variegata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653. Bengal.

Genus Eupithecia.

3767. EUPITHECIA ATTENUATA.

Eupithecia attenuata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 3, &, (1887).

Ceylon.

3768. EUPITHECIA CONSCENSA.

Eupithecia conscensa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 8.

Collection Swinhoe, Poona.

3769. EUPITHECIA COSTIPANNARIA.

Eupithecia costipannaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654. Bengal.

3770. EUPITHECIA DECORATA.

Eupithecia decorata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887). Darjiling.

3771. EUPITHECIA FERRUGINARIA.

Eupithecia ferruginaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654. Darjiling.

3772. EUPITHECIA GRISEIPENNIS.

Eupithecia (?) griscipennis, Moore, Descr. Ind. Lep. Atk., p. 269, pl. 8, fig. 28, (1887).

Cherrapunji.

3773. EUPITHECIA INCURVATA.

Eupithecia incurvata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887). Khasi Hills.

3774. EUPITHECIA LINEOSA.

Eupithecia lincosa, Moore, Descr. Ind. Lep. Atk., p. 268, (1887). Darjiling.

3775. EUPITHECIA PALPATA.

Cidaria palpata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862). Eupithecia palpata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 6, \$\phi\$, (1887). I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills. Also recorded from Ceylon.

3776. EUPITHECIA POLYCLEATA.

Botys polyclealis, Walker, Cat. Lep. Het. B. M. xix, p. 998, 2, (1859). Eupithecia polycleata, Moore, Lep. Ceyl. iii, p. 478, (1887). Ceylon.

3777. EUPITHECIA RAJATA.

Eupithecia rajata, Guén., Phal. ii, 328, 1432, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, (1862).
India.

3778. EUPITHECIA SATURATA.

Larentia saturata, Guén., Phal. ii, 269, 1339, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1193, (1862).

Eupithecia saturata, Moore, 2nd Yarkand Mission, Calcutta, p. 15, (1879).

Yarkand, Pondicherry.

3779. EUPITHECIA SEMICIRCULATA.

Eupithecia semicirculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654. Collection Swinhoe, Darjiling.

3780. EUPITHECIA TESTACEA.

Eupithecia testacea, Swinkoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 15.

3781. EUPITHECIA USTATA.

Eupithecia ustata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887). Darjiling.

3782. EUPITHECIA VARIEGATA.

Eupithecia variegata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 5, (1887). Ceylon.

3783. EUPITHECIA VIRESCENS.

Eupithecia virescens, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 4, (1887). Ceylen.

Genus Ardonis.

3781. ARDONIS CHLOROPHILATA.

Eupithecia chlorophilata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1768, \$\varphi\$, (1862).

Ardonis chlorophilata, Moore, Descr. Ind. Lep. Atk., p. 269, (1887).

Bhotan, Darjiling.

Genus Iramba.

3785. IRAMBA ADMIXTARIA.

Eupithecia admixtaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, \$\mathfrak{Q}\$, (1862).

Iramba admixtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).

Ceylon.

3786. IRAMBA BILINEA.

Eupithecia bilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 7.

Collection Swinhoe, Poona.

Allied to I. immixtaria.

3787. IRAMBA IMMIXTARIA.

Eupithecia immirtaria, Walker, Cat. Lep. Het. B. M. xxiv. r 1214, (1862).

Iranha immirtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).

Ceylon.

3788. IRAMBA RECENSITARIA.

Eupithecia recensitaria, Walker, Cat. Lep. Het. xxiv, p. 1241, (1862). Iramba recensitaria, Moore, Lep. Ceyl. iii, p. 481, (1887). Ceylon.

3789. IRAMBA TIBIALIS.

Iramba tibialis, Moore, Lep. Ceyl. iii, p. 481, pl. 206, fig. 2, 2, (1887). Ceylon.

Genus Calluga.

3790. CALLUGA COSTALIS.

Calluga costalis, Moore, Lep. Ceyl. iii, p. 480, pl. 206, fig. 1, 3, (1887). Ceylon.

Genus Emmelesia.

3791. EMMELESIA PICTARIA.

Emmelesia pictaria, Moore, Descr. Ind. Lep. Atk., p. 267, (1887). Darjiling.

Genus Remodos.

3792. REMODES ABNORMIS.

Remodes abnormis, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 11, (1887).

Cherrapunji.

3793. Remodes Decussata.

Sauris decussata, Moore, Proc. Zool. Sec. Lond. 1867, p. 655, pl. 33, fig. Bengal.

3794. Remodes fasciata.

Remodes fasciata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887). Cherrapunji.

3795. Remodes hirudinata.

Sauris hirudinata, Guén., Phal. ii, 362, 1486, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862).

Remodes hirudinata, Moove, Lep. Ceyl. iii, p. 484, (1887).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

3796. Remodes ignobilis.

Sauris ignobilis, Eutler, Ann. Nat. Hist., (5), vi, p. 227, (1880).

Hi. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 3, (1886).

3797. REMODES INTERRUPTATA.

Remodes interruptata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887). Darjiling, Khasi Hills.

3798. REMODES LINEOSA.

Remodes lineosa, Moore, Descr. Ind. Lep. Atk., p. 270, pl. 8, fig. 10, (1887). Darjiling.

3799. Remodes Nigripalpata.

Sauris nigripalpata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862). Remodes nigripalpata, Moore, Lep. Ceyl. iii, p. 484, (1887). Ceylon.

3800. Remodes Proboscidaria.

Sauris proboscidaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, \$\varphi\$, (1862).

Remodes proboscidaria Moore, Lep. Ceyl. iii, p. 484, pl. 207, fig. 6, \$\varphi\$, (1887).

Ceylon.

3801. Remodes remodesaria.

Sauris remodesaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1253, (1862). Remodes remodesaria, Moore, Lep. Ceyl. iii, p. 484, pl. 207, figs. 3 5, 5 & 2 \, \xi\$, (1887). Ceylon, Australia.

3802. Remodes triseriata.

Remodes triscriata, Moore, Lep. Ceyl. iii, p. 485, pl. 207, figs. 1 3, 4 2, (1887).

Genus Brabira.

3803. Brabira atkinsonii.

Brabira atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 271, (1887). Darjiling.

3804. Brabira Pallida.

Brabira pallida, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 12, (1887). Darjiling.

Genus Lygranoa.

3805. LYGRANOA CINEREA.

I. M., Sikkim (Swinhoe). Collection Swinhoe, Sikkim.

3806. LYGRANOA RECTILINEATA.

Lygranoa rectilineata, Moore, Deser. Ind. Lep. Atk., p. 272, (1887). Khasi Hills.

Genus Anticlea.

3807. ANTICLEA CUPREARIA.

Anticlea cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 656. Darjiling.

3808. ANTICLEA LATERITIATA.

Anticlea lateritiata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887). Darjiling.

3809. ANTICLEA OCCLUSATA.

Cidaria occlusata, Felder & R. Reise, Novara, pl. 132, fig. 16, &, (1874). Anticlea occlusata, Moore, Lep. Ceyl. iii, p. 485, pl. 207, figs. 7, 8, (1887). Collection Swinhoe, Ceylon.

3810. ANTICLEA PLUMBEATA.

Anticlea plumbcata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887). Darjiling.

3811. ANTICLEA SCHISTACEA.

Anticlea schistacea, Moore, Deser. Ind. Lep. Ath., p. 273, (1887). Darjiling.

Genus Melanippe.

3812. MELANIPPE CUPREATA.

Melanippe cupreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, Bengal.

3813. MELANIPPE LATIFUSATA.

Melanippe latifusata, Walker, Cat. Lep. Het. B. M. xxv, p. 1298, (1862). Collection Swinhoe, Solun.

3814. MELANIPPE RESTITUTATA.

Melanippe restitutata, Walker, Cat. Lep. Het. B. M. xxv, p. 1297, (1862). Melanthia restituta (sic), Butler, Proc. Zool. Soc. Lond. 1886, p. 393. Collection Swinhoe, Dharmsala.

Genus Coremia.

3815. Coremia magnificata.

Coremia magnificata, Walker, Cat. Lep. Het. B. M. xxv, p. 1312, (1862). Nilgiri Hills.

3816. COREMIA MEDIOVITTARIA.

Coremia mediovittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Genus Scotosia.

3817. Scotosia conspurcata.

Scotosia conspurcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1685, 186.

I. M., Sikkim.

3818. SCOTOSIA DUBIOSATA.

Scotosia dubiosata, Walker Cat. Lep. Het. B. M. xxv, p. 1352, (1862).

Butler, Proc. Zool. Soc. Lond. 1881, p. 617; and 1886, p. 393.

Punjab, Murree, Nilgiri Hills.

3819. SCOTOSIA EXPANSA.

Scotosia expansa, Moore, Descr. Iud. Lep. Atk., p. 274, (1887). Darjiling.

3820. SCOTOSIA LATIVITTARIA.

Scotosia lativittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

3821. Scotosia miniosata.

Scotosia miniosata, Walker, Cat. Lep. Het. B. M. xxv, p. 1354, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 656.

I. M., Kulu, Cherrapunji, Sikkim (Barnes), Philippine Islands. Collection Swinhoe, Sylhet.

3522. Scotosia nubilata.

Scotosia nubilata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887). Darjiling.

3823. Scotosia obliquisignata.

Scotosia obliquisignata, Moore, Proc. Zool. Soc. Lend. 1867, p. 657. Darjiling.

3824. Scotosia perserrata.

Scotosia perservata. Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862). South India.

3825. SCOTOSIA RUBRODOTATA.

Scotosia rubrodotata, Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862). India.

3826. SCOTOSIA SORDIDATA.

Scotosia sordidata, Moore, Deser. Ind. Lep. Atk., p. 274, (1887). Darjiling.

3827. SCOTOSIA TREMULATA.

Scotosia tremulata, Guen., Phal. ii, 448, 1639, (1857).

Walker, Cat. Lep. Het. B. M, xxv, p. 1352, (1862).

N. India.

3828. SCOTOSIA VENIMACULATA.

Scotosia venimaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.

Butler, Proc. Zool. Soc. Lond. 1886, p. 393.

Collection Swinhoe, Sikkim, Thundiani (Punjab).

Genus Arichanna.

3829. ARICHANNA ALBOVITTATA.

Arichanna albocittata, Moore, Deser. Ind. Lep. Atk., p. 274, (1887). Darjiling.

3830. ARICHANNA FURCIFERA.

Arichanna furcifera, Moore, Deser. Ind. Lep. Atk., p. 275, (1887). Darjiling.

3831. ARICHANNA MACULATA.

Arichanna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658. Bengal.

3832. ARICHANNA MARMORATA.

Arichanna marmorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 33, fig. 3.

Bengal.

3833. ARICHANNA PLAGIFERA.

Scotoria plagifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1686, (1806). Arichanna plagifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.

I. M., Sikkim (purchased).

3834. ARICHANNA RAMOSA.

Scotosia ramosa, Walker, Cat. Lep. Het. B. M. xxxv, p. 1688, (1866). Arichanna ramosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.

I. M., Sikkim.

3835. ARICHANNA TRAMESATA.

richuna trans sata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658, pl. 33, fig. 2.

Bengal.

Allied to A. ramosa, and A. playifera.

Genus Gandaritie.

3536. GANDARITIS FLAVATA.

Gandaritis flavata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660. Bengal.

Genus Cidaria.

3837. CIDARIA AFFINIS.

Cidaria affinis, Moore, Deser. Ind. Lep. Atk., p. 277, (1887). Darjiling.

3838. CIDARIA ALBIGIRATA.

Cidaria albigirata, Kollar, Hüg. Kasch. iv, 2, p. 489, (1848).

Butler, Proc. Zool. Soc. Lond. 1886, p. 394.

Murree, Kashmir, Afghanistan.

Allied to C. picata, Hübn., of Europe.

3839. CIDARIA ALBOFASCIATA.

Cidaria albofasciata, Moore, Descr. Ind. Lep. Atk., p. 277, (1887). Darjiling.

3840. CIDARIA ALIENA.

Cidaria aliena, Butler, Ann. Nat. Hist., (5) vi, p. 230, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 89, pl. 120, fig. 11, (1886).

Bhotan.

2841. CIDARIA AMPLICATA.

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).

I. M., Kulu (Young). Collection Swinhoe, Pegu.

3842. CIDARIA ARGENTILINEATA.

Cidaria argentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660, pl. 33, fig. 5.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

3843. CIDARIA AURANTIARIA.

Cidaria aurantiaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 661, pl. 33, fig. 8.

I. M., Sikkim.

3844. CIDARIA AURATA.

Cidaria aurata, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.

I. M., Sikkim (purchased). Collection Swinhoe, Sikkim.

3845. CIDARIA AURIGENA.

Cidaria aurigena, Butler, Ann. Nat. Hist. (5) vi, p. 230, (1880).

10. Typ. Lep. Het. B. M. vi, p. 89, pl. 120, fig. 10, (1886).

Collection Swinhoe, Sikkim.

3846. CIDARIA BICOLOR.

Cidaria bicolor, Moore, Descr. Ind. Lep. Atk., p. 278, (1887). Chumbi.

3847. CIDARIA CALAMISTRATA.

Cidaria calamistrata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662, pl. 33, fig. 6.

I. M., India. Collection Swinhoe, Sikkim. Allied to C. russata of Europe.

3848. CIDARIA CERVINARIA.

Cidaria cervinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 664. Bengal.

3849. CIDARIA CHALYBEARIA.

Cidaria chalybearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

I. M., Sikkim. Collection Swinhoe, Sikkim.

3850. CIDARIA CINEREATA.

Cidaria cinereata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662.

I. M., Sikkim.

Allied to C. russata.



Cidaria curcumata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887). Darjiling.

3852. CIDARIA DELECTA.

Cidaria delecta, Butler, Ann. Nat. Hist. (5) vi, p. 229, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 8, (1886).

I. M., Sikkim (purchased).

3853. CIDARIA FISSISIGNIS.

Cidaria fissisignis, Butler, Ann. Nat. Hist. (5) vi, p. 228, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 87, pl. 120, fig. 7, (1886).

Darjiling.

3854. CIDARIA INEXTRICATA.

Cidaria inextricata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1691, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Collection Swinhoe, Sikkim.

3855. CIDARIA INSPURCATA.

Cidaria inspurcata, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862). S. India.

3856. CIDARIA INTERPLAGATA.

3857. CIDARIA JAMEZA.

Cidaria jameza, Butler, Ann. Nat. Hist. (5) i, p. 452, (1878).

Ill. Typ. Lep. Het. B. M. iii, p. 58, pl. 55, fig. 9, (1879).

Proc. Zool. Soc. Lond. 1886, p. 393.

Japan, Murree.

3858. CIDARIA MACULATA.

Cidaria maculata, Moore, Descr. Ind. Lep. Atk. p. 277, (1887). Darjiling.

3859. CIDARIA MELIDIATA.

Cidaria melidiata, Felder & R. Reise, Novara, pl. 132, fig. 42, \$\mathbb{Q}\$, (1874). Himalayas, Lahul.

3860. CIDARIA MONTANATA.

Geometra montanata, Wien, Verz. 113, 14.* -Bork., Eur. Schm. v. 397, 194.* Ill. N. Ausg. Dess. i, 456, 14.* Hübn., Geom., pl. 48, fig. 248.* Frey., Beitr., pl. 72, fig. 1, (1831-58).* -Sepp., Schm. vi, pl. 20, figs. 1-12.* Cidaria montanata, Treit., Schm. vi, 2, 201, 34, (1827).* -Steph., Ill. Brit. Haust, iii, 219, 10.* -Walker, Cat. Lep. Het. B. M. xxv, p. 1289, (1862). Zanthorhoe montanata, Hübn., Verz. Bek. Schm. 327, 3157, (1816). Melanippe montanata, Dup., Lep. v, 274, pl. 189, fig. 6, (1824).* – Guén., Phal. ii, 399, 1543, (1857). Larentia montanaria, Herr. Schoöff., Eur. Schm. iii, 152, 110.* Melanthia montanaria, Boisd., Ind. 216, 1790.* Phalæna ocellata, Fabr., Sp. Ins. ii, 262, 118, (1781). — Mant. Ins. ii, 206, 178, (1787). — Ent. Syst. iii, 2, 188, 216, (1794). Geometra implicata, Haw., Lep. Brit., 303.* - (? ?) Bork., Eur. Schm. v, 196.* I. M., Shillong. Collection Swinhoe, Kulu. Also recorded from Europe.

3861. CIDARIA NÆMATA.

Cidaria namata, Felder & R. Reise, Novara, pl. 132, fig. 32, Q, (1874). Himalayas.

3862. CIDARIA NUGATA.

Cidaria nugata, Felder & R. Reise, Novara, pl. 132, fig. 39, \$\phi\$, (1874). Himalayas.

3863. CIDARIA OBLIQUISIGNATA.

Cidaria (?) obliquisignata, Moore, Deser. Ind. Lep. Atk., p. 278, (1887). Darjiling.

3864. CIDARIA OBLONGATA.

Cidaria oblongata, Guén., Phal. ii, 472, 1681, (1857). N. India.

3865. CIDARIA PERPULCHRA.

Cidaria perpulchra, Butler, Proc. Zool. Soc. Lond. 1886, p. 393. Murree.

3866. CIDARIA BAMALARIA.

Cidaria ramalaria, Felder & R. Reise, Novara, pl. 132, fig. 31, 2, (1874).
I. M., Kulu (Young).
Collection Swinhoe, Kulu.

3867. CIDARIA RELATA.

Cidaria relata, Butler, Ann. Nat. Hist., (5) vi, p. 229, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 9, (1886).

N.-E. Himalayas.

3868. CIDARIA RETICULATA.

Cidaria reticulata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662. Bengal.

3869. CIDARIA SERIATA.

Cidaria seriata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887). Darjiling.

3870. CIDARIA SIGNATA.

Cidaria signata, Moore, Proc. Zool. Soc. Lond. 1867, p. 661. Collection Swinhoe, Sikkim.

3871. CIDARIA SUBAPICARIA.

Cidaria subapicaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

I. M., Sikkim.

Collection Swinboe, Darjiling.

Allied to C. russata.

3872. CIDARIA SUBSEPARATA.

Cidaria subseparata, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862). South India.

3873. CIDARIA SUBSTITUTA.

Cidaria substituta, Walker, Cat. Lep. Het. B. M., xxxv, p. 1691, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

I. M., Sikkim.

Collection Swinhoe, Darjiling, Roorkee.

3874. CIDARIA TRISIGNATA.

Cidaria trisignata, Moore, Proc. Zool. Sec. Lond. 1867, p. 663. Bengal.

3875. CIDARIA VIRIDATA.

Cidaria viridata, Moore, Proc. Zool. Soc. Lond. 1867, p. 661. Darjiling.

Genus Eustroma.

3876. EUSTROMA DECURRENS.

Eustroma decurrens, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).
Cidaria oblongata, Walker (nec Guén.), Cat. Lep. Het. B. M. xxv, p. 1402,
(1862).
Nynee Tal.

3877. Eustroma dentifera.

Eustroma dentifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887). Cherrapunji.

3878. Eustroma dissecta.

Enstroma dissecta, Moore, Lep. Ceyl. iii, p. 488, pl. 207, fig. 9, \$, (1887). Ceylon.

3879. Eustroma muscicolor.

Eustroma muscicolor, Moore, Descr. Ind. Lep. Atk., p. 276, (1887). Darjiling.

3880. Eustroma obscurata.

Cidaria of scurata, Moore, Proc. Zool. Soc. Lond. 1867, p. 663, pl. 33, fig. 7. Bengal.

3881. Eustroma Porphyriata.

Eustroma porphyriata, Moore, Descr. Ind. Lep. Atk., p. 276, (1887). Darjiling.

3882. EUSTROMA SIDERIFERA.

Eustroma siderifora, Moore, Descr. Ind. Lep. Atk., p. 276, (1887). Darjiling.

3883. Eustroma triangulifera.

Eustroma triangulifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887). Darjiling.

Genus Harpalyco.

3884. HARPALYCE KASHMIRICA.

Harpalyce kashmirica, Moore, Descr. Ind. Lep. Atk., p. 277, (1887). Kashmir.

Genus Stammodes.

3885. STAMMODES PAMPHILATA.

Stammodes pamphilata, Felder & R. Reise, Novara, pl. 132, fig. 34, (1874).

Collection Swinhoe, Kulu, Thundiani (Punjab).

Genus Callipia.

3886. CALLIPIA PARRHASIATA.

Callipia parrhasiata, Guén., Phal. ii, 515, 1752, pl. 21, fig. 5, (1857).

Walker, Cat. Lep. Het. B. M., xxv, p. 1458, (1862).

Bengal.

Genus Nadagara.

3857. NADAGARA VIGATA.

Nadagara vigaia, Walker, Cat. Lep. Het. B. M. xxiv, p. 1093, (1862).

Moore, Lep. Ceyl. iii, p. 474, (1887).

Cevlon.

Genus Collix.

3883. COLLIX CONTRIBUTARIA.

Collia (1) contributaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).

Moore, Lep. Ceyl. iii, p. 483, (1887).

Ceylon.

3889. COLLIX FLAVOFASCIATA.

Collix flavofasciata, Moore, Descr. Ind. Lep. Atk., p. 270, pl. 8, fig. 25, (1887). Darjiling.

3890. Collix gnosha.

Lobophora Ghosha, Walker, List Ceyl Ins.*

Collix ghosha, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).

Moore, Lep. Ceyl. iii, p. 482, pl. 206, figs. 9, 10, 10 a, (1887).

Collection Swinhoe, Poona, Bombay, Ceylon.

3891. COLLIX HYPOSPILATA.

Collix hypospilata, Guén., Phal. ii, 358, 1481, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1248, (1862).

Lobophora salisuca, Walker, Ceyl. Ins.*

I. M., Mahableshwar (Swinhoe).

Collection Swinhoe, Ceylon, Mahableshwar, Nilgiri Hills.

Genus Thora.

3892. THERA KASHGHARA.

Thera kashghara, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).

2nd Yarkand Mission Calc., p. 15, pl. 1, fig. 23
(1879).

I. M., Yarkand (Moore's type).

Genus Ypsipetes.

3893. YPSIPETES (?) IMBRATA.

Ypsipetes (!) imbrata, Guén., Phal. ii, 389, 1507, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1269, (1862).

N. India.

Genus Camptogramma.

3894. CAMPTOGRAMMA (?) BLITEARIA.

Camptogramma (?) blitearia, Walker, Cat. Lep. Het. B. M. xxvi, p. 1716, (1862).

Moore, Lep. Ceyl. iii, p. 487, (1887).

Ceylon.

Genus Plomyria.

3895. PLEMYRIA BACCATA.

Camptogramma baccata, Guén., Phal. ii, 430, 1604, (1857).

Walker, Cat. Lep. Het. B. M. xxv, p. 1327, (1862).

Plemyria baccata, Moore, Lep. Ceyl, iii, p. 486, pl. 206, fig. 7, (1887).

Cidaria peracutata, Walker, loc. cit. xxv, 1421, (1862).

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

Genus Lamproptoryx.

3896. LAMPROPTERYX CINGALA.

Lamproptery cingala, Moore, Lep. Coyl. iii, p. [489, pl. 207, fig. 10, \$\varphi\$, (1887).

Ceylon.

3897. LAMPROPTERYX MOLATA.

Cidaria molata, Felder & R. Reise, Novara, pl. 132, fig. 23, \$, (1874). Lampropteryx molata, Moore, Lep. Ceyl. iii, p. 489, pl. 207, figs. 11, 12, \$, \$, \$, (1887).

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills, Ceylon.

Genus Lobophora.

3898. LOBOPHORA DECORATA.

Lobophora decorata, Moore, Descr. Ind. Lep. Atk., p. 272, (1887). Darjiling.

3899. LOBOPHORA SIKKIMA.

Lobophora Sikkima, Moore, Descr. Ind. Lep. Atk., p. 272, pl. 8, fig. 30, (1887).

Rungchu Valley, Sikkim.

Genus Phibalapteryx.

3900. PHIBALAPTERYX HYDROCAMPATA.

Phibalapteryx hydrocampato, Guén., Phal. ii, 438, 1620, (1857).

Walker, Cat. Lep. Het. B. M. xxv, p. 1339, (1862).

N. India.

3901. PHIBALAPTERYX PLURILINEATA.

Phibalapteryx plurilineata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887). Cherrapunji, Khasi Hills.

FAMILY EUBOLIDÆ.

Genus Docirava.

3902. Docirava Æquilineata.

3903. Dochrava macrocalata.

Anailis (?) macrocalata, Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862). India.

3904. Docirava medmaria.

Orsonola (!) medmaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1521, (1862). Anaitis medmaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 664. Docirara medmaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 87, pl. 120, fig. 6, (1886).

Eubolia reciproca. Walker, loc. cit. xxxv, p. 1698, (1866).

1. M., Sikkim (Dreyer).

Collection Swinhoe, Darjiling.

Allied to D. macrocalata.

3905. Docirava uvaria.

Aspilates uvaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862). Docirava uvaria. Moore, Proc. Zool. Soc. Lond. 1867, p. 649. Anaitis vastata, Walker, loc. cit. xxxv, p. 1700, (1866).

Darjiling.

Genus Anaitis.

3 06. Anaitis (?) curvilineata.

Anaitis (?) curvilineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1741, (1862). India.

3907. ANAITIS FULGURATA.

Anaitis fulgurata, Guén., Phal. ii, 498, 1725, (1857).

Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862).
India.

3908. Anaitis pudicata.

Collection Swinhoe, Sikkim.

Genus Onychia.

3909. ONYCHIA GRISEA.

Nadagara grisea, Butler, Proc. Zool. Soc. Lond. 1883, p. 172; and 1886, p. 390.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 457.

I. M., Kulu (Young).

Collection Swinhoe, Darjiling, Simla, Mhow.

3910. Onychia Lativitta.

Onychia lativitta, Moore, Descr. Ind. Lep. Atk., p. 279, (1887). Darjiling.

3911. ONYCHIA VIOLACEA.

Onychia violacea, Moore, Descr. Ind. Lep. Atk., p. 279, (1887). Darjiling.

FAMILY IDEIDÆ.

Genus Idea.

3912. IDEA ABSCONDITARIA.

Acidalia absconditaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 757, (1861).

Idea absconditaria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

Swinboc, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.

M., Calcutta.

Collection Swinhoe, Mhow, Poona, Bombay, Alibagh. Also recorded from China.

3913. IDEA ACTIOSARIA.

Acidalia actiosaria, Walker, Cat. Lep. Het. B. M. xxii. p. 750, (1861). Idaa actiosaria, Mooro, Lep. Ceyl. iii, p. 453, pl. 200, fig. 11, 3, (1887).

Ceylon.

3914. IDEA ACUTARIA.

Acidalia acutaria, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861). Idaa actuaria, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527; and 1885, p. 857

Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 8, (1887).

I. M., Karachi, Bombay (Swinhoe), Kulu (Young), Andaman Islands (purchased).

Collection Swinhoe, Bombay, Karachi.

Also recorded from Ceylon.

3915. IDEA ADEPTARIA.

Acidalia adeptaria, Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861). Idaa adeptaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.

Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 9, (1887).

Collection Swinhoe, Bombay. Also recorded from Ceylon.

3916. IDEA ÆRATA.

Acidalia arata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

I. M., Kulu (Young).

Collection Swinhoe, Darjiling, Solun, Kasauli.

3917. IDEA ALBOMACULATA.

Idaa albomaculata, Moore, Descr. Ind. Lep. Atk., 253, (1887). Darjiling.

3918. IDEA ALBOSIGNATA.

Idea (?) albosignata, Moore, Descr. Ind. Lep. Atk., p. 253, (1887). Darjiling.

3919. Idea anaitisaria.

Acidalia (?) anaitisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861). Collection Swinhoe, Nilgiri Hills.

3920. IDEA ASPILATARIA.

Acidalia aspilataria, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861).

Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 6, (1887).

Ceylon.

3921. IDEA ATTENTATA.

Acidalia attentata, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861).

Moore, Proc. Zeol. Soc. Lond. 1877, p. 622; and 1878, p. 852.

Idwa attentata, Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 5, (1887).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Tenasserim, Andaman Islands, Ceylon.

3922. IDEA BICAUDATA.

Acidalia bicaudata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643, pl. 33, fig. 12.

I. M., Kulu.

Collection Swinhoe, Darjiling.

3923. IDEA CESARIA.

Acidalia casaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861). Idaa casaria, Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 10, (1887). Acidalia obturbata, Walker, loc. cit. xxii, p. 755, (1861). Acidalia (l) perfectaria, Walker, loc. cit. xxiii, p. 783, (1861). Ceylon.

3924. IDEA CELEBRARIA.

Acidalia celebraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861). S. India.

3925. IDEA CHOTARIA.

Idea chotaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 57, fig. 14; and 1886, p. 455.

Collection Swinhoe, Mhow, Poona, Bombay.

3926. IDEA CONTIGARIA.

Acidalia (?) contigaria, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861). N. India.

3927. IDEA DISTRACTA.

Acidalia distracta, Butler, Proc. Zool. Soc. Lond. 1881, p. 616. Idea distracta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526. Collection Swinhoe, Karachi.

3928. IDEA EFFRENATA.

Acidalia effrenata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1756, (1862). Bhotan.

3929. IDEA EMISSARIA.

Acidalia emissaria, Walker, Cat. Lep. Het. B. M. xxii, p. 751, (1861). India.

3930. IDEA FIBULATA.

I. M., Khasi Hills, Campbellpur, Poona and Bombay (Swinhoe), Kulu (Young).

Collection Swinhoe, Solun, Mhow, Punjab, Karachi, Satara, Poona, Bombay, Nilgiri Hills, Ceylon.

3931. Idea gemmifera.

Acidalia (!) gemmifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 644. Collection Swinhoe, Darjiling.

3932. IDEA GRANDICULARIA.

Idea grandicularia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 11.

Collection Swinhoe, Poona.

3933. IDEA HUMERARIA.

Acidalia humeraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1606, (1862). Collection Swinhoe, Solun.

3934. IDEA IDEARIA.

Idwa idearia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857, pl. 56, fig. 15.
Collection Swinhoe, Poona, Bombay, Alibagh.

3935. IDEA INDUCTATA.

Acidalia inductata, Walker, Cat. Lep. Het. B. M. xxiii, p. 792, (1861).

Idea inductata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.

Collection Swinhoe, Karachi. Also recorded from Ceylon.

3936. IDEA INTENSATA.

Idea intensata, Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 7, (1987). Ceylon.

3937. IDGEA INVALIDA.

Acidalia invalida, Butler, Ann. Mag. Nat. Hist. (5) iv, p. 439, (1879). Idea invalida, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.

Collection Swinhoe, Karachi.

3938. IDEEA JACTA.

Idaa jacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, pl. 48, fig. 12. Collection Swinhoe, Karachi.

3939. IDEA LIGATARIA.

Acidalia ligataria, Walker, Cat. Lep. Het. B. M. xxii, p. 748, (1861). Idaa ligataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857., Collection Swinhoe, Bombay.

3940. IDEA METASPILARIA.

Acidalia metaspilaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 793, (1861). S. India.

3941. IDEA MUNDISSIMA.

Acidalia (?) mundissima, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861). S. India.

3942. IDEA NESCIARIA.

3943. IDEA NICTATA.

Acidalia nictata, Guén., Phal. i, 506, 876, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).

N. India.

3914. IDEA PATULARIA.

Acidalia patularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1633, (1866). Idea patularia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.

I. M., Kulu (Young). Collection Swinhoe, Mhow, Poona, Bombay.

3945. IDEA PROFANARIA.

Acidalia profunaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866). S. India.

3946. IDEA REGULATA.

Acidalia regulata, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861). India.

3947. IDEA RELICTATA.

Acidalia (?) relictata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1629, (1866). India.

3948. IDEA REMOTATA.

p. 857; and 1886, p. 455.

Collection Swinhoe, Depalpur, Poona, Bombay, Purundhar,

3949. IDEA SUBDETERMINATA.

Karachi.

Acidalia subdeterminata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1606, (1862).
S. India.

3950. IDEA TEPHROSARIA.

Acidalia tephrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 643. Collection Swinhoe, Sikkim.
Allied to I. contigara.

3951. IDEA UNDULATARIA.

Idwa undulataria, Moore, Descr. Ind. Lep. Atk., p. 252, (1887). Collection Swinhoe, Khasi Hills, Sikkim.

3952. IDEA WALKERI.

Idea walkeri, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.

Acidalia extimaria, Walker, Cat. Lep. Het. B. M., xxiii, p. 794, No. 280, nec p. 782, No. 252, (1861).

Idwa extimaria, Moore, Lep. Ceyl. iii, p. 455, pl. 204, fig. 5, (1887).

I. M., Mergui (Anderson), Ranchi (Irvine), Bombay and Khandalla (Swinhoe), Andaman Islands (De Roepstorff).

Collection Swinhoe, Khasi Hills, Sikkim, Solun, Mhow, Poona, Bombay, Khandalla, Nilgiri Hills.

Genus Craspedia.

3953. Craspedia addictaria.

Acidalia addictaria, Walker, Cat. Lep. Het. B. M. xxii, p. 749, (1861). Idwa addictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.

Craspedia addictaria, Moore, Lep. Ceyl. iii, p. 451, pl. 291, figs. 3, 4, (1887).

Collection Swinhoe, Solun, Mhow, Poona, Alibagh.

3954. Craspedia deliciosaria.

Acidalia deliciosaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861). Craspedia deliciosaria, Moore, Lep. Ceyl. iii, p. 451, pl. 201, fig. 7, (1887).

India, Ceylon.

3955. Craspedia Kashmirensis.

Craspedia kashmirensis, Moore, Descr. Ind. Lep. Atk., p. 253, (1887). Kashmir.

3956. CRASPEDIA ORNATA.

Phalana ornata, Scop. Ent. Carn. 219, 545. Rossi, Faun. Etrusc. ii, 196, 1177.* Fabr., Ent. Syst. iii, 2, 201, 262, (1793). - Bork , Eur. Sch. v, 462, 227.* - Butler, Proc. Zool. Soc. Lond. 1886, p. 390. Acidalia ornata, Dup., Lep. v, 45, pl. 173, fig. 4.* – Boisd, Ind. 221, 1835.* - Herr Schoeff, Eur. Sch. iii, 25, 66.* Delah, Sch. 42.* - Guén, Phal. i, 485, 831, (1857). · Walker, Cat. Lep. Het. B. M. xxii, p. 701, (1861). Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352. Ptychopoda ornata, Steph., Ill. Brit. Haust. iii, 307, 6. Geometra ornataria, Esper., Schm. v, pl. 51, figs. 2, 4.* - Hübn., Geom., pl. 14, fig. 70.* - Haw., Lep. Brit. 355.* Craspedia ornataria, Hübn., Verz. Sch. 312, 3011. Phalana instituta, Hübn., Berl. Mag. iv, 5, 526, 47;* Naturf. xi, 74, 47.* I. M., Kulu (Young), Sikkim, Ranchi (Irvine). Collection Swinhoe, Solun, Quetta, Kandahar, Nilgiri Hills. Also recorded from Europe.

3957. CRASPEDIA PEDILATA.

Acidalia pedilata, Felder & R. Reise, Novara, pl. 128, fig. 1, 3, (1874). Craspedia pedilata, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 9, 2, (1887). Ceylon.

3958. CRASPEDIA PERSIMILIS.

Craspedia persimilis, Moore, Descr. Ind. Lep. Atk., p. 254, (1887). Chumba, Dharmsala, Umballa, Solun.

3959. Craspedia similaria.

Craspedia similaria, Waterhouse, Aid, pl. 115, fig. 2, (1884). rjiling.

3960. CRASPEDIA STIGMATA.

Craspedia stigmata, Moore, Descr. Ind. Lep. Atk., p. 253, (1887). N.-W. India, Solun.

3961. CRASPEDIA TURPISARIA.

Acidalia turpisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 771, Q. (1861). Craspedia (!) turpisaria, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 10, Q. (1887).

Collection Swinhoe, Mahableshwar. Also recorded from Ceylon, Borneo.

Genus Rambara.

3962. RAMBARA DENTIFERA.

Rambara dentifera, Moore, Descr. Ind. Lep. Atk., p. 256, (1887). Darjiling.

3963. RAMBARA INFELIX.

Zanclopteryx infelix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 13.

Collection Swinhoe, Poona, Khandalla.

3964. RAMBARA SAPONARIA.

Zancloptoryx saponaria, Guén., Phal. ii, 16, 915, (1857).

Walker, Cat. Lep. Het. B. M., xxiii, p. 810, (1861).

Moore, Proc. Zool. Soc. Lond. 1877, p. 622.

Rambara saponaria, Moore, Lep. Ceyl. iii, p. 459, pl. 303, fig. 8, (1887).

Singapore, Ceylon, Andaman Islands, India.

Genus Microschus.

3965. Microeschus elataria.

Hyria elataria, Walker, Cat. Lep. Het. D. M., xxii, p. 665, (1861).

Micræschus elataria, Butler, Ann. Nat. Hist., (5) i, (1878), p. 402.

Moore, Lep. Ceyl. iii, p. 449, (1887).

Ceylon.

3966. Microschus oblataria.

Hyria oblataria, Walker, Cat. Lep. Het. B. M. xxii, p. 665, (1861). Micræshus oblataria, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 6, (1887). Ceylon.

Genus Psoudasthona.

3967. PSEUDASTHENA DISSIMILIS.

Pseudasthena dissimilis, Moore, Lep. Ceyl, iii, p. 450, pl. 199, fig. 7, (1887). Ceylon,

3968. PSEUDASTHENA GRATARIA.

3969. PSEUDASTHENA LUNULOSA.

Pseudasthena lunulosa, Moore, Lep. Ceyl. iii, p. 450, pl. 200, figs. 5, 5a, (1887).

Ceylon.

3970. PSEUDASTHENA MEMORATA.

Pomasia memorata, Walker, Cat. Lep. Het. B. M., xxii, p. 657, (1861). Pseudasthena memorata, Moore, Lep. Ceyl. iii, p. 450, pl. 199, fig. 8, (1887).

India, Ceylon.

3971. PSEUDASTHENA RHODINARIA.

Hyria (?) rhodinaria, Walker, Cat. Lep. Het. B. M. xxii, p. 666, (1861). Pseudasthena rhodinaria, Moore, Lep. Ceyl. iii, p. 450, (1887). Ceylon.

Genus Hyria.

3972. HYRIA BICOLORATA.

Hyria bicolorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642. Bengal.

3973. Hyria Bilineata.

Hyria bilineata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 455.

Collection Swinhoe, Assirgarh.

3974. Hyria Deviaria.

Hyria deviaria, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861). Collection Swinhoe, Nilgiri Hills.

3975. HYRIA MARCIDARIA.

Hyria (?) marcidaria, Walker, Cat. Lep. Het. B. M. xxii, p. 663, (1861).

Moore, Lep. Ceyl. iii, p. 448, (1887).

Collection Swinhoe, Ceylon.

3976. HYRIA MITIGATA.

Hyria mitigata, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861). N. India. 3977. HYRIA OLEARIA.

Hyria olearia, Guén., Phal. i, 430, 707, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).

N. Iudia.

3978. HYRIA ORNATA.

Hyria ornata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643. Bengal.

3979. HYRIA PLURISTRIGATA.

Hyria (?) pluristrigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643. Collection Swinhoe, Sikkim.

3980. Hyria Trilineata.

Hyria trilineata, Moore, Proc. Zool. Soc. Lond. 1877, p. 642. Collection Swinhoe, Darjiling.

3981. HYRIA UNDULOSATA.

Hyria undulosata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887).

3982. HYRIA VOLUTARIA.

Hyria volutaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 14.

Bombay.

Genus Bardanes.

3983. BARDANES PLICATA.

Bardanes plicata, Moore, Descr. Ind. Lep. Atk., p. 251, pl. 8, fig. 22, (1887).

Darjiling.

Genus Asthena.

3984. ASTHENA QUERULA.

Asthena querula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 859, pl. 56, fig. 16.

Poona.

3985. ASTHENA SUNANDEVA.

Pomasia sunandeva, Walker, Cat. Lep. Het. B. M. xxii, p. 657, (1861), Asthena sunandeva, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 4, (1887). I. M., Andaman Islands. Collection Swinhoe, Ceylon.

3986. ASTHENA TRISTICULA.

Asthena tristicula, Swinhee, Proc. Zool. Soc. Lond., 1885, p. 859, pl. 56. fig. 17.

Collection Swinhoe, Bombay.

3987. ASTHENA URBICA.

Asthena urbica, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859. Collection Swinhoe, Bombay, North Kanara.

Genus Runcca.

3988. Runeca ferrilineata.

Runeca ferrilineata, Moore, Deser. Ind. Lep. Atk., 252, pl. 8, fig. 13, (1887).

Darjiling.

Genus Timandra.

3989. TIMANDRA ALBIFRONTATA.

Timandra albifrontata, Moore, Descr. Ind. Lep. Atk., p. 255, (1887). Darjiling.

3990. Timandra aventiaria.

Timandra aventiaria, Guén., Phal. ii, p. 3, 896, (1857). — Walker, Cat. Lep. Het. B. M. xxiii, p. 801, (1861); and xxvi, p. 1617, (1862). - Moore, Proc. Zool. Soc. Lond. 1867, p. 644. Erastria aventiaria, Moore, Lep. Ceyl. iii, p. 458, pl. 202, figs. 4, 4a, I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

Also recorded from Sylhet, Ceylon, Australia.

3991. TIMANDRA CONVECTARIA.

Timandra convectoria, Walker, Cat. Lep. Het. B. M. xxiii, p. 800, (1861). - Moore, Proc. Zool. Soc. Lond. 1867, p. 644.

Erastria convectaria, Moore, Lep. Ceyl. iii, p. 457, pl. 202, figs. 3, 3a, (1887).

Timandra comptaria, Walker, loc. cit. xxvi, p. 1615, (1862).

I. M., Sikkim.

Collection Swinhoe, Solun, Sylhet, Ceylon, Mahableshwar, Nilgiri Hills.

3992. Timandra responsaria.

Timandra responsaria, Moore, Descr. Ind. Lep. Atk., p. 255, (1887). Cherrapunji.

3993. TIMANDRA SEMICOMPLETA.

Timandra semicompleta, Walker, Cat. Lep. Het. B. M. xxvi, p. 1616, (1862). India.

3994. TIMANDRA SUBOBLIQUARIA.

Timandra subobliquaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 644. Bengal.

Genus Somatina.

3995. Somatina anthophilata.

Somatina anthophilata, Guén., Phal. ii, p. 11, 907, pl. 18, fig. 2, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 806, (1861).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859.

Collection Swinhoe, Poona, Bombay.

3996. Somatina plurilinearia.

Somatina plurilinearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 645. I. M., Kulu, Sikkim. Collection Swinhoe, Darjiling.

3997. Somatina plynusaria.

Anisodes plynusaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862), Moore, Proc. Zool. Soc. Lond., 1867, p. 641.

Collection Swinhoe, Nilgiri Hills.

Also recorded from Sylhet.

3998. Somatina purpurascens.

Somatina purpurascens, Moore, Lep. Ceyl. iii, p. 549, pl. 202, figs. 2, 2a, (1887).

Ceylon.

Genus Agnibesa.

3999. ACNIBESA PICTARIA.

Somatina (?) pictaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 645. Agnibesa pictaria, Moore, Descr. Ind. Lep. Atk., p. 256, (1887). Collection Swinhoe, Sikkim.

4000. Agnibesa recurvitaneata.

Agnibesa recurvilineata, Moore, Descr. Ind. Lep. Atk., p. 256, (1887). Darjiling.

Genus Trygodes.

4001. TRYGODES DIVISARIA.

Macaria divisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861). Trygodes divisaria, Moore, Proc. Zool. Soc. Loud. 1867, p. 612; and 1877, p. 621.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Darjiling.

Also recorded from Kanara and Celebes.

4002. TRYGODES FERRIFERA.

Trygodes ferrifera, Moore, Descr. Ind. Lep. Atk., p. 255, pl. 8, fig. 18, (1887).

4003. TRYGODES VAGATA.

Macaria vagata, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861). Trygodes vagata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642. Collection Swinhoe, Sylhet.

Genus Emodes.

4004. Emodes sinuosa.

Emodes sinuosa, Moore, Descr. Ind. Lep. Atk., p. 256, pl. 8, fig. 18, (1887). Khasi Hills.

Genus Pomasia.

4005. Pomasia psylaria.

Pomasia psylaria, Guén., Phal. i, 428, 702, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 656, (1861).

Moore, Lep. Ceyl. iii, p. 448, pl. 200, fig. 2, (1887).

Collection Swinhoe, Ceylon.

Genus Luxiaria.

4006. LUXIARIA EXCLUSA.

Hemerophila (/) exclusa, Walker, Cat. Lep. Het. B. M. xxi, p. 320, 3, (1860).

Bithia exclusa, Walker, loc. cit. xxxv, p. 1599, (1866).

Moore, Proc. Zool. Soc. Lond. 1877, p. 621; and 1878, p. 852.

Luxiaria exclusa, Moore, Lep. Ceyl. iii, p. 457, pl. 202, fig. 5, Q, pl. 215, fig. 4, 3, (1887).

Hemerophila prætereuns, Walker, loc. cit. xxi, p. 320, (1860). Acidalia imprimata. Walker, loc. cit. xxiii, p. 771, (1861). Macaria obstataria, Walker, loc. cit. xxiii, p. 928, (1861).

Bithia lignaria, Walker, loc. cit. xxxv, p. 1600, (1866).

I. M., Andaman Islands (purchased).

Collection Swinhoe, Ceylon, North Kanara, Andaman Isles.

4007. Luxiaria fasciosa.

Luxiaria fusciosa, Moore, Descr. Ind. Lep. Atk., p. 254, (1887). Darjiling.

4008. LUXIARIA INTENSATA.

Luxiaria intensata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887). Darjiling.

4009. Luxiaria obliquata.

Luxiaria obliquata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887). Collection Swinhoe, Sikkim.

4010. LUXIARIA PHYLLOSARIA.

Drepanodes (?) phyllosaria, Walker, Cat. Lep. Het. B. M. xx, p. 82, (1860). Luxiaria phyllosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 617. Bengal.

Genus Phalacra.

4011. PHALACRA VIDHISARA.

Hemerophila vidhisara, Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).

Phalacra vidhisara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Moore, Lep. Ceyl. iii, p. 541, pl. 201, figs. 1, 1a, (1887).

Phalacra metagonaria, Walker, loc. cit. xxxv, p. 1639, \$, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Collection Swinhoe, Bombay, Alibagh, Calcutta.

Also recorded from Ceylon.

FAMILY MICRONIDÆ.

Genus Micronia.

4012. MICRONIA ACULEATA.

4013. MICRONIA OBLIQUARIA.

Micronia obliquaria, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60, fig. 17.

Andaman Islands, Darjiling.

4014. MICRONIA SPARSARIA.

Micronia sparsaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Collection Swinhoe, Buxar, Sikkim, Maldah, Burma.

4015. MICRONIA TERIADATA.

Micronia teriadata, Guén., Phal. ii, 29, 936, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 825, (1861).

India.

Genus Strophidia.

4016. STROPHIDIA FASCIATA.

Phalæna (Geometra) fasciata, Cram., Pap. Exot. ii, 12, pl. 104, fig. D, (1779).

Micronia fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Strophidia fasciata, Moore, Lep. Ceyl. iii, p. 460, pl. 203, fig. 7, (1887).

Phalæna caudata, Fabr., Ent. Syst. iii, 2, 163, 124, (1794).

Micronia caudata, Guén., Phal. ii, 25, 926, (1857).

Strophidia caudaria, Hubin., Verz. Schin. 290, 2817, (1816).

Micronia obtusata, Guén., Phal. ii, 25, 927, pl. 5, fig. 6, (1857).

Walker, Cat. Lep. Het. E. M. xxiii, p. 816, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 646; and 1877, p. 622.

I. M., Tavoy (Moti Ram), Sikkim (purchased), Andaman, Islands (purchased), Sibsaghar (Peal). Collection Swinhoe, Darjiling.

Genus Psoudomicronia.

4017. PSEUDOMICRONIA CELATA.

Pseudomicronia calata, Moore, Descr. Ind. Lep. Atk., p. 257, (1887).

Micronia candata, Walker (new Fabr.), Cat. Lep. Het. B. M. xxiii, p. 817,

(1861).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Collection Swinhoe, Darjiling, Belgaum, Mahableshwar.

4018. PSEUDOMICRONIA FRATERNA.

Pseudomicronia fraterna, Moore, Lep. Ceyl. iii, p. 461, pl. 203, fig. 2, 9, (1887).

Ceylon.

Genus Micronidia.

4019. MICRONIDIA SIMPLICIATA.

Micronia simpliciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646. Micronidia simpliciata, Moore, Descr. 1nd. Lep. Atk., p. 258, (1887). Collection Swinhoe, Darjiling.

Genus Acropteris.

4020. ACROPTERIS CASEATA.

Micronia cascata, Guén., Phal. ii, 27, 932, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861).

Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, (1884) p. 237.

I. M., Sikkim (Barnes), Sibsaghar (Peal), Mussourie (Templeton), Cachar (Wood-Mason), Tavoy (Moti Ram), Mergui (Anderson).

Also recorded from Java.

4021. Acropteris grammearia.

Acropteris grammearia, Geyer, Hübn. Zutr., p. 38, 381, fig. 761, 762, (1825). - Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861). Micronia grammearia, Guén., Phal. ii, 27, 931, (1857). — Moore, Proc. Zool. Soc. Lond. 1878, p. 852.

Tenasserim.

4022. Acropteris striataria.

Phalana (Geometra) striataria, Clerck, Icon., pl. 55, fig. 4, (1759). - Linn., Syst. Nat. 1, pt. 2, p. 2418, 197, (1767). — Gmel., Ed. Syst. Nat. i, 5, 2118, 197. Micronia striataria, Guén., Phal. ii, 28, 934, (1857). Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 646. Acropteris striataria, Moore, Descr. Ind. Lep. Atk., p. 257, (1887). Collection Swinhoe, Sylhet.

4023. ACROPTERIS VAGATA.

Micronia vagata, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60, fig. 18; and 1878, p. 852.

I. M., Dunsiri, Tavoy (Moti Ram), Mergui (Anderson).

Genus Ditrigona.

4024. DITRIGONA TRIANGULARIA.

Urapteryx triangularia, Moore, Proc. Zool. Soc. Lond, 1867, p. 612. Ditrigona trianguiaria, Moore, Deser. Ind. Lep. Atk., p. 258, (1887). Collection Swinhoe, Sikkim.

Genus Urapteroides.

4025. Urapteroides astheniata.

Micronia astheniata, Guén., Phal. ii, 24, 925, (1857). - Walker, Cat. Lep. Het. B. M. xxiii, p. 821, (1861). - West., Trans. Zool. Soc. Lond. 1879, p. 514. Urapteroides astheniata, Moore, Deser. Ind. Lep. Atk., p. 259, (1887). Darjiling, Borneo.

Genus Pigia.

4026. PIGIA INFANTULARIA.

Pigia infantularia, Guén., Phal. ii, 20, 924, (1857). --- Walker, Cat. Lep. Het. B. M. xxiii, p. 813, (1861). Micronia vanaria, Walker, loc. cit. xxiii, p. 820, (1861). Ceylon.

Genus Myrteta.

4027. MYRTETA PLANARIA.

Myrteta planaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 831, (1861). - Moore, Proc. Zool. Soc. Lond. 1867, p. 646. - Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig. 9, (1886).

Collection Swinhoe, Darjiling.



GROUP PYRALES.

FAMILY BOTYDIDÆ.

Genus Dadessa.

4028. DADESSA ELYCESALIS.

Botys elycesalis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859). India.

4029. DADESSA EVAXALIS.

Botys evaxalis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859). Dadessa evaxalis, Moore, Lep. Ceyl. iii, p. 333, pl. 183, fig. 3, 3, (1886). Ceylon.

Genus Conogethes.

4030. CONOGETHES ALBOFLAVALIS.

Conogethes albeflavalis, Moore, Descr. Ind. Lep. Atk., p. 220, (1887). Darjiling.

4031. Conogethes punctiferalis.

I. M., Sibsagar (Peal), Duosiri, Sikkim (purchased), Cachar (Wood-Mason), North Khasi Hills.

Collection Swinhoe, Khasi Hills, Bombay, Rangoon. Also recorded from Amboina.

4032. Conogethes semifascialis.

Astura semifascialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1381, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

Collection Swinhoe, Poona.

Also recorded from Australia.

Genus Astura.

4033. ASTURA FESTIVALIS.

Astura festivalis, Swinhoe, Proc. Zool. Soc. Loud. 1885, p. 872. Collection Swinhoe, Bombay.

Genus Botyodes.

4034. Botyodes asialis.

Botyodes asialis, Guén., Delt. et Pyral., p. 321, No. 348, \$\frac{2}{3}\$, (1854).

Leder., Wien. Ent. Monat. vii, p. 394, pl. 13, fig. 8, (1863).

Walker, Cat. Lep. Het. B. M., xviii, p. 551, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 96.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Snellen, Tijd. voor Ent., xxvi, 1883, p. 139.

Moore, Lep. Ceyl. iii, p. 335, pl. 183, figs, 1 \$\frac{1}{3}\$, la larva, (1886).

Botys sellalis, Walker (ncc Guén.) loc. cit., xviii, p. 648, (1859).

I. M., Ranchi (Irvine), Buxa (Moti Ram), Sikkim (Barnes, also

I. M., Ranchi (Irvine), Buxa (Moti Ram), Sikkim (Barnes, also purchased), Calcutta, Simla, Kulu (purchased), Ceylon (Swinhoe).

Collection Swinhoe, Kasaoli, Ceylon, Nilgiri Hills, Bombay, Poona, Khandalla, Belgaum, Sikkim, Rangoon.

Also recorded from Nepal.

4035. Botyodes costalis.

Botyodes costalis, Moore, Descr. Ind. Lep. Atk., p. 221, (1887). Darjiling.
Allied to B. scinisalis.

4036. BOTYODES FLAVIBASALIS.

Botyodes flavibasails, Moore, Proc. Zool. Soc. Lond. 1867, p. 96, 2.

Felder & R. Reise, Novara Lep., pl. 135, fig. 41, (1871).

I. M., Sibsaghar (Peal), Calcutta (Wood-Mason).

Collection Swinhoe, Sikkim.

4037. Botyodes fraterna.

Botyodes fraterna, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 16, (1887). Darjiling.
Alied to B. costalis.

4038. BOTYODES INCONSPICUA.

Botyodes inconspicua Moore, Descr. Ind. Lep. Atk., p. 220, (1887). Darjiling.

4039. BOTYODES LEOPARDALIS.

Botyodes leopardalis, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 26, (1887).

Darjiling.

4040. BOTYODES SCINISALIS.

Botys scinisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619, pl. 60, fig. 11.

Bolys disjunctalis, Walker, Char. Undescr. Lep. Het., p. 96, (1869).

I. M., Sikkim.

Collection Swinhoe, Sikkim, Rangoon.

Also recorded from Andaman Islands.

Genus Botys.

4041. Botys ÆQUALIS.

Botys aqualis, Leder., Wien. Ent. Monat. vii, 468, pl. 10, fig. 3, (1863).

Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).

India.

4042. Botys albidalis.

Botys albidalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1411, (1865). India.

4013. BOTYS ANAXISALIS.

Botys (?) anaxisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 658 (1859). Collection Swinhoe, Solun.

4044. Botys annulalis.

Botys annulalis, Walker, Cat. Lep. Het. B.M. xviii, p. 675, (1859).; Hapalia (?) annulalis, Moore, Lep. Ceyl. iii, p. 341, (1886). Ceylon.

4045. Botys ardealis.

Botys ardealis, Felder & R. Reise, Novara Lep., pl. 134, fig. 31, (1874).

Moore, Proc. Zool. Soc. Loud. 1877, p. 619.

I. M., Nicobar Islands.

4016. BOTYS AUREA.

Botys aurea, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 76, pl. 59, fig. 12, (1879).

Proc. Zool. Soc. Lond. 1883, p. 168,
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Collection Swinhoe, Mhow, Solun, Bombay, Poona, Rangoon. Also recorded from Yokohama.

4047. Botys aureolalis.

Botys aureolalis, Leder., Wien. Ent. Monnt. vii, p. 473, (1863).

Walker, Cat. Lep. Het. B.M. xxxiv, p. 1389, (1865).

Himalayas.

4018. Botys Brevilinealis.

Botys brevilinealis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859). Hapalia (?) brevilinealis, Moore, Lep. Coyl. iii, p. 341, (1886). Ceylon.

4049. BOTYS CALDUSALIS.

Botys caldusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 650, (1859).

Moore, Proc. Zool. Soc. Lond. 1878, p. 850.

M., Mergui (Anderson), Sibsagar, Sikkim (Barnes, also purchased), Kulu (purchased), Tenasserim.
 Collection Swinhoe, Sikkim.

4050. BOTYS CARNEALIS.

Botys carnealis, Dup., Hist. Nat. Lep. viii, p. 322, pl. 232, fig. 4.*

Warren, Proc. Zool. Soc. Lond. 1888, p. 335.

Botys diffusalis, Guen., Delt. et Pyral, p. 340, (1854).

Botys tenuialis, Mann., Wien. Ent. Monat. vi, p. 387, pl. 3, fig. 5, (1862).

Campbellpur (Punjab), South Europe.

4051. Botys cynaralis.

Botys cynaralis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859). Hapalia (!) cynaralis, Moore, Lep. Ceyl. iii, p. 341, (1886). Ceylon.

4052. Botys damoalis.

Botys damoalis, Walker, Cat. Lep. Het. B. M. xviii, p. 656, (1859).

Moore, Proc. Zool, Soc. Lond. 1867, p. 96.

Bengal.

Allied to B. nubilalis.

4053. BOTYS DIVISALIS.

Botys divisalis, Leder., Wien. Ent. Monat. vii, p. 468, pl. 10, fig. 4, (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

India.

4054. BOTYS DRYOPEALIS.

Botys dryopealis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859). Hapalia (?) dryopealis, Moore, Lep. Ceyl. iii, p. 342, (1886). Ceylon.

4055. BOTYS EPASTALIS.

Botys epastalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874, pl. 57, fig. 13.

Collection Swinhoe, Bombay, Alibagh. Allied to B. albi-fimbrialis from Japan.

4056. Botys Euryclealis.

Botys euryclealis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859). India.

4057. Botys Ilusalis.

Botys ilusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 705, (1859).

Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

Collection Swinboe, Solun, Rangoon.

Also recorded from Borneo and Sarawak.

4058. Botys inanitalis.

Botys inunitatis, Leder., Wien. Ent. Monat. vii, 464, pl. 9, fig. 3, (1863).

Walker, Cat. Lep. Het. B.M. xxxiv, p. 1389, (1865).

India, Amboina.

4059. Botys incoloralis.

p. 525.

I. M., Karachi, Poona, and Bombay (Swinhoe). Collection Swinhoe, Karachi, Poona, Mhow, Bombay. Also recorded from Sylhet.

4060. Botys interruptalis.

Botys interruptalis, Walker, Cat. Lep. Het. B.M. xxviv, p. 1406, (1865). Hapalia (?) interruptalis, Moore, Lep. Ceyl. iii, p. 339, (1886). Ceylon.

4061. BOTYS ITEMALESALIS.

Botys itemalesalis, Walker, Cat. Lep. Het, B.M. xix, p. 996, (1859). Collection Swinhoe, Sikkim.

Also recorded from China.

4062. Botys Jucundalis.

Botys jucundalis, Leder., Wien. Ent. Monat. vii, 463, pl. 8, fig. 17, (1863).

Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).

India.

4063. Botys Lentalis.

Botys lentalis, Felder & R. Reise, Novara Lep., pl. 135, fig. 44, (1874). Bengal.

4064. BOTYS MACCALIS.

4065. Botys (?) MEGALOPSALIS.

Botys (?) megalopsalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1428, (1865). Collection Swinhoe, Sikkim, Andaman Islands.

Also recorded from Malacca.

4066. Botys myrinalis.

Botys myrinalis, Walker, Cat. Lep. Het. B.M. xviii, p. 673, (1859). Hapalia (!) myrinalis, Moore, Lep. Ceyl. iii, p. 340, (1886). Ceylon.

4067. BOTYS NEPHEALIS.

Botys nephealis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859). Hapalia (?) nephealis, Moore, Lep. Ceyl. iii, p. 341, (1886). Ceylon.

4068. Botys nubilalis.

Botys nubilalis, Hübn., Eur. Schm., fig. 94.*

Warren, Proc. Zool. Soc. Lond., 1888, p. 335.

Botys lupulinalis, Guen., Delt. et Pyral., p. 331, (1854).

Kala Pani (Punjab).

4069. Botys ochrealis.

Pyralis ochrealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614. Collection Swinhoe, Sikkim. Also recorded from the Andaman Islands.

4070. Botys patulalis.

Botys patulalis, Walker, Cat. Lep. Het. B. M. xxxiv, 1405, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

4071. BOTYS PAUCIFERALIS.

Botys pauciferalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1413, (1865). South India.

4072. Botys Paupellalis.

4073. Botys Pharisalis.

Botys pharisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 726. (1859), Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 873. Collection Swinhoe, Poona.

Also recorded from Australia.

4074. Botys Plagalis.

Botys plagalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 96. Sikkim.

4075. Botys strenualis.

Botys strenualis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1409, (1865). Scopula strenualis, Forsayeth, Trans. Ent. Soc. Lond. 1881, p. 417. South India, Mhow.

4076. Botys sublituralis.

Botys sublituralis, Walker, Cat. Lep. Het. B. M., xxxiv. p. 1452, (1865).

Swinhoe, Proc. Zool. Soc. Lond., (1885), p. 873.

Collection Swinhoe, Bombay, Karachi.

4077. Botys subtessellalis.

Botys subtessellalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1406, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sikkim.

4078. Botys thoasalis.

Botys thousalis, Walker, Cat. Lep. Het. B. M. xviii, p. 692, (1859). I. M., Andaman Islands (purchased). Collection Swinhoe, Sikkim.

4079. Botys tullalis.

Botys tullalis, Walker, Cat. Lep. Het. B. M., xviii, p. 649, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sibsagar (Peal).

Collection Swinhoe, Darjiling, Maulmein, Rangoon.

4080. Botys unitalis.

Collection Swinhoe, Sikkim, Poona.

Also recorded from Sylhet and Tenasserim.

4081. Botys vitellinalis.

Botys vitellinalis, Kollar, Hüg. Kaschm., p. 492, (1818).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

Botys extinctalis, Led., Wien. Ent. Monat. vii, 467, pl. 9, fig. 18, (1863).

Kashmir.

Genus Hapalia.

4082. HAPALIA ABLACTALIS.

Botys ablactalis, Walker, Cat. Lep. Het. B. M. xviii, p. 660, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.

Hapalia ablactalis, Moore, Lep. Ceyl. iii, p. 339, (1886).

Collection Swinhoe, Sikkim, Poona, Nilgiri Hills, Rangoon.

Also recorded from Ceylon.

4083. HAPALIA ADMENSALIS.

Botys admensalis, Walker, Cat. Lep. Het. B. M. xviii, p. 652, (1859). Hapalia admensalis, Moore, Lep. Ceyl. iii, p. 339, (1886). Ceylon.

4084. HAPALIA BAMBUSALIS.

Hapalia bambusalis, Moore, Descr. Ind. Lep. Atk. iii, p. 222, (1887). Collection Swinhoe, Sikkim. Allied to H. zealis.

4085. HAPALIA CONCOLOR.

Hapalia concolor, Moore, Lep. Cayl. iii, p. 339, pl. 181, fig. 3, (1886). Ceylon.

4086. HAPALIA DEDUCTALIS.

Botys deductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859). Hapalia deductalis, Moore, Lep. Ceyl. iii, p. 338, (1886). Ceylon.

4087. HAPALIA DENTICULOSA.

Hapalia (?) denticulosa, Moore, Lep. Ceyl. iii, p. 337, pl. 183, fig. 8, (1886). Ceylon.

4088. HAPALIA DIALIS.

Botys dialis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859). Hapalia (?) dialis, Moore, Lep. Ceyl. iii, p. 340, (1886). Ceylon.

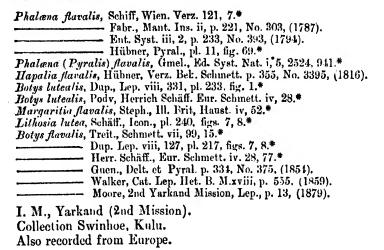
4089. HAPALIA DORSIVITTATA.

Hapalia dorsivittata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 18, (1887).

4090. HAPALIA FASCIATA.

Hapalia fasciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 20, (1887). Darjiling.

4091. HAPALIA KLAVALIS.



4092. HAPALIA FLAVOFASCIATA.

Hapalia flavofusciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 19, (1887).

Darjiling.

Allied to H. dorsivitta.

4093. HYPALIA FRATERNA.

Hapaiia fraterna, Moore, Lep. Ceyl. iii, p. 338, pl. 183, fig. 9, (1886). Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

4094. HAPALIA INDISTANS.

Hapalia indistans, Moore, Descr. Ind. Lep. Atk., p. 223, (1887). Collection Swinhoe, Sikkim.

4095. HAPALIA IOPASALIS.

Botys iopasalis, Walker, Cat. Lep. Het. B. M. x viii, p. 652, &, (1859); xix, p. 993, (1859).

Butler, Ann. Mag. Nat. Hist, (5) v. p. 226, (1880).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.

Botys jopasalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 550.

Hapalia jopasalis, Moore, Lep. Ceyl. iii, p. 337, pl. 182, fig. 14, (1886).

Botys boteralis, Walker, loc. cit., p. 716, (1859); and xix, p. 994, (1859).

I. M. Sibsagar (Peal).

Collection Swinhoe, Karachi, Rangoon, Bombay.

Also recorded from Ceylon and Borneo.

4096. HAPALIA JANAPALIS.

Botys janapalis, Walker. Cat. Lep. Het. B. M. xviii, p. 676, (1859). Hapalia (?) janapalis, Moore, Lep. Ceyl. iii, p. 342, (1886). Ceylon.

4097. HAPALIA KASMIRICA.

Hapalia kasmirica, Moore, Descr. Ind. Lep. Atk., p. 222, pl, 7, fig. 28, (1887).

4098. HAPALIA MARGINALIS.

Hapalia marginalis, Moore, Lep. Ceyl. iii, p. 338, pl. 182, fig. 13, (1886). Collection Swinhoe, Khandalla. Also recorded from Ceylon.

4099. HAPALIA NIGRESCENS.

Hapalia nigrescens, Moore, Descr. Ind. Lep. Atk. iii, p. 221, (1887). Collection Swinhoe, Sikkim.

4100. HAPALIA OBLITA.

Hapalia oblita, Moore, Descr. Ind. Lep. Atk., p. 222, (1887). Darjiling.

4101. HAPALIA PLAGIATALIS.

Botys plagiatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859).

Swinhoe, Proc. Zool. Soc., Lond. 1885, p. 873.

Hapalia (?) plagiatalis, Moore, Lep. Ceyl. iii, p. 337, (1886).

Collection Swinhoe, Poona, Burma, Nilgiri Hills, Rangoon.

Also recorded from Ceylon.

4102. HAPALIA ROBUSTA.

Hapalia robusta, Moore, Descr. Ind. Lep. Atk., p. 222, pl. 7, fig. 27, (1887). Darjiling.

4103. HAPALIA SIGNATALIS.

4104. HAPALIA THAISALIS.

Botys thaisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859). Hapalia (?) thaisalis, Moore, Lep. Ceyl. iii, p. 340, (1886). Ceylon.

4105. HAPALIA ULTIMALIS.

Botys ultimalis, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859). Hapalia ultimalis, Moore, Lep. Ceyl. iii, p. 339, (1886). Ceylon.

4106. HAPALIA ZEALIS.

Genus Omphisa.

4107. OMPHISA ILLISALIS.

Botys illisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 653, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619.

Leder., Wien. Ent. Monat. vii, p. 371, pl. 9, fig. 12, (1863).

Omphisa illisalis, Moore, Lep. Ceyl. iii, p. 318, pl. 183, fig. 4, (1886).

I. M., Cherrapunji, Sikkim (purchased).

Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.

Also recorded from Ceylon and the Andaman Islands.

Genus Marasmia.

4108. MARASMIA BURALIS.

Botys ruralis, Walker, Cat. Lep. Het. B. M. xviii, p. 666, (1859); and xix, p. 994, (1859).

Marasmia ruralis, Moore, Lep. Ceyl. iii, p. 283, (1885).

Marasmia cicatricosa, Leder., Wien. Ent. Monat. vii, p. 386, pl. 12, fig. 8, \$\frac{1}{2}\$, (1863).

I. M., Mergui (Anderson).

Also recorded from Ceylon, Java, and Borneo.

Genus Pleonectusa.

4109. PLEONECTUSA ADHESALIS.

Botys adhæsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 664, 9. (1859). Botys damasalis, Walker, loc. cit., p. 668, (1859). Pleonectusa adhæsalis, Moore, Lep. Ceyl. iii, p. 287, pl. 180, fig. 14, (1885).

Ceylon, China.

4110. PLEONECTUSA ADMIXTALIS.

Botys admixtalis, Walker, Cat. Lep. Het. B.M. xviii, p. 665, (1859).

Pleonectusa admixtalis, Leder., Wien. Ent. Monat. vii, 481, (1863).

Walker, loc. cit., xxxiv, p. 1480, (1865).

Moore, Lep. Ceyl. iii, p. 286, pl. 180, fig. 13, (1885).

Botys ranæusalis, Walker, loc. cit. xix, p. 998, (1859).

Pleonectusa tabidalis, Leder., loc. cit., vii, p. 426, (1863). Ceylon.

Genus Bacotoma.

4111. BACOTOMA ABJUNGALIS.

Botys abjungalis, Walker, Cat. Lep. Het. B.M. xviii, p. 670, (1859).
Botys abjunctalis (sic), Leder., Wien. Ent. Monat. vii, p. 376, pl. 11,
fig. 11, (1863).
Bacotoma abjungalis, Moore, Lep. Ceyl. iii, p. 382, pl. 180, fig. 8, (1886).
Collection Swinhoe, Ceylon.

Genus Acharana.

4112. ACHARANA OTREUSALIS.

Botys otreusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 637, (1859).

Acharana otreusalis, Moore, Lep. Ceyl. iii, p. 285, pl. 180, fig. 11, (1885).

Botys triarialis, Walker, loc. cit., xviii, p. 639, (1859).

Botys abstrusalis, Walker, loc. cit. xviii, p. 643, (1859).

Moore, Proc. Zool. Soc. Lond. 1877, p. 620.

Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 873; & 1886, p. 460.

Botys pharaxalis, Walker, loc. cit., xviii, p. 725, (1859).

Botys immundalis, Walker, loc. c.t., xxxiv, p. 1448, (1865).
Botys phæopteralis, Meyrick (nec Guón.), Trans. Ent. Soc. Lond. 1884, p. 321.

I. M., Chitral (Giles), Calcutta, Karachi (Swinhoe). Mergui (Anderson), Ceylon (Colombo Museum).

Andaman Islands (de Roepstorff).

Collection Swinhoe, Ceylon, Mhow, Karachi, Poona, Bombay, Solun, Mirzapore, Sikkim, Mahableshwar, Nilgiri Hills, Andaman Islands, Calcutta, Rangoon.

Also recorded from Africa, Mauritius, Australia, and Java.

4113. ACHARANA PRÆTERITALIS.

Botys prateritalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1405, (1865). Acharana prateritalis, Moore, Lep. Ceyl. iii, p. 285, (1885). Ceylon.

4114. ACHARANA SIMILIS.

Acharana similis, Moore, Lep. Ceyl. iii, p. 286, pl. 180, fig. 12, (1885).

Collection Swinhoe, Rangoon.

Also recorded from Ceylon.

Genus Analtes.

4115. Analtes disjunctalis.

Botys disjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1408, (1865). Analtes disjunctalis, Moore, Lep. Ceyl. iii, p. 319, (1886). South India, Ceylon.

4116. Analtes idyalis.

Botys idyalis, Walker, Cat. Lep. Het. B. M. xix, p. 996, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.

Analtes idyalis, Moore, Lep. Ceyl. iii, p. 319, pl. 183, fig. 5, (1886).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

Genus Cnaphalocrocis.

4117. CNAPHALOCROCIS BIFURCALIS.

Cnaphalocrocis bifurcalis, Snellen, Tijd. Ent. xxiii, p. 219, (1880). Celebes, India.

4118. CNAPHALOCROCIS MEDINALIS.

Salbia medinalis, Guén., Delt. et Pyral., p. 201, 2, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 361, (1859).

Cnaphalocroris medinalis, Moore, Lep. Ceyl. iii, p. 281, (1885).

Botys rutilalis, Walker, loc. cit. xviii, p. 665, (1859); and xxxiv, p. 1480, (1865).

Botys iolealis, Walker, loc. cit., xviii, p. 666, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Cnaphalocrocis iolealis, Walker, loc. cit., xxxiv, p. 1480, (1865).

Cnaphalocrocis jolinalis (sic), Leder., Wien. Ent. Monat. vii, p. 385, pl. 12, fig. 7, (1863).

Snellen, Tijd. Voor. Ent. xxvi, 1883, p. 135.

Botys arerrimalis, Walker, loc. cit., xxxiv, p. 1449, (1865).

Collection Swinhoe, Bombay, Khandalla, Sikkim, Khasi Hills, Poona, Alibagh, Rangoon.

Also recorded from Ceylon, Borneo, and China.

Genus Dolichosticha.

4119. DOLICHOSTICHA VENILIALIS.

Asopia venilialis, Walker, Cat. Lep. Het. B. M. xvii, p. 373, (1859).

Dolichosticha venilialis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 305.

Moore, Lep. Ceyl. iii, p. 282, (1885).

Botys marisalis, Walker, loc. cit., xviii, p. 717, (1859).

Ceylon, Australia, Borneo.

Genus Ravanoa.

4120. RAVANOA BILINEOLALIS.

Zebronia bilincolalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1350, (1865). Ravanoa bilincolalis, Moore, Lep. Ceyl. iii, p. 281, pl. 180, fig. 9, (1885). Ceylon.

4121. RAVANOA CREONALIS.

Botys creonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 579, (1859).

Botys convectalis, Walker, loc. cit., xxxiv, p. 1411, (1865).

Ravanoa creonalis, Mocre, Lep. Ceyl. iii, p. 284, pl. 180, fig. 10, (1885).

Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

RAVANOA CREONALIS—continued.

Botys neoclesalis, Walker, loc. cit., xviii, p. 635. (1859),

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.

Rotus suspicalis, Walker loc. cit. xviii, p. 667. (1859)

Botys suspicalis, Walker, loc. cit., xviii, p. 667, (1859).

I. M., Kulu (Young).

Collection Swinhoe, Sikkim, Mhow, Karachi, Nilgiri Hills.

Also recorded from Ceylon and South Africa.

Genus Circobotys.

4122. CIRCOBOTYS OCTOGUTTALIS.

Botys octoguttalis, Felder & R. Reise. Novara, Lep. iv, pl. 135, fig. 38, &, (1874).

Circobotys octoguttalis, Moore, Lep. Ceyl. iii, p. 343, pl. 182, fig. 11, (1886).

I. M., Sibsagar.Collection Swinhoe, Nilgiri Hills.Also recorded from Ceylon.

4123. CIRCOBOTYS LIMBATA.

Circobotys limbata, Moore, Descr. Ind. Lep. Atk., p. 220, pl. 7, fig. 24, (1887).

Darjiling.

Genus Cadarena.

4124. CADARENA SINUATA.

Phalæna sinuata, Fabr., Spec. Ins. ii, p. 267, No. 153, (1781).

Ent. Syst. iii, 2, p. 208, No. 295, (1794).

Cadarena sinuata, Moore, Lep. Ceyl. iii, p. 336, pl. 183, figs. 2, 2a, (1886).

Phalæna (Geometra) marginata, Cram., Pap. Exot. iv, pl. 400, fig. I, (1782).

Botys marginata, Swainson, Zool. Illustr., 1st ser. ii, pl. 77. fig. 1, (1821).

Botys marginalis, Guén., Delt. et Pyral., p. 343, 394, (1854).

Walker, Cat. Lep. Het. B. M. xviii, p. 633, (1859).

Ceylon.

Also recorded from Africa.

Genus Pitacanda.

4125. PITACANDA SPILOSOMOIDES.

Pitacanda spilosomoides, Moore, Lep. Ceyl. iii, p. 334, pl. 183, fig. 19, (1886).

Collection Swinhoe, Khardalla. Also recorded from Ceylon.

Genus Dodanga.

4126. Dodanga lobipennis.

Dodanga lobipennis, Moore, Lep. Ceyl. iii, p. 332, pl. 182, fig. 3, (1886). Ceylon.

Genus Condega.

4127. Condega obscurata.

Condega obscurata, Moore, Lep. Ceyl. iii, p. 345, pl. 183, fig. 12, (1886). Ceylon.

Genus Nosophora.

4128. Nosophora quadrisignata.

Nosophora quadrisignata, Moore, Lep. Ceyl. iii, p. 320, pl. 183, fig. 6, (1886). I. M., Andaman Islands (purchased). Also recorded from Ceylon.

Genus Ebuloa.

4129. EBULEA BAMBUCIVORA.

Ebulea bambucivora, Moore, Descr. Ind. Lep. Atk., p. 224, (1887). Calcutta.

4130. EBULEA CAMILLALIS.

4131. EBULEA CATALAUNALIS.

Margaritia cilialis, (var). Steph., Cat. Brit. Lep. 239, (1850)*.

I. M., Poona and Karachi (Swinhoe).

Collection Swinhoe, Mhow, Poona, Khandalla, Bombay, Karachi. Also recorded from Europe and Africa.

4132. EBULEA CELATALIS.

Botys celatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 657, (1859). Ebulca celatalis, Moore, Lep. Ceyl. 345, (1886). Ceylon.

4133. EBULEA DICHROMA.

Ebulea dichroma, Moore, Descr. Ind. Lep. Atk., p. 223, (1887). Darjiling.

4134. EBULKA EUROPSALIS.

Ebulea europsalis, Walker, Cat. Lep. Het. B. M., xviii, p. 749, (1859). North India.

4135. EBULIA FIMBRIATA.

Ebulia fimbriata, Moore, Lep. Ceyl. iii, p. 346, (1886). Ceylon.

4136. EBULEA OBLIQUATA.

Ebulea obliquata, Moore, Descr. Ind. Lep. Atk., p. 224, (1887). Calcutta.

Genus Rehimena.

4137. REHIMENA INSCISALIS.

Botys inscisulis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1410, (1865). Botys incisulis (sic), Moore, Proc. Zool. Soc. Loud. 1867, p. 96. Rehimena incisalis (sic), Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 1, (1855).

M., Sikkim (Barnes, also purchased).
 Collection Swinhoe, Sikkim.
 Also recorded from Ceylon.

4138. REHIMENA PHRYNEALIS.

Botys phrynealis, Walker, Cat. Lep. Het. B. M. xviii, p. 630, (1859). .

Rehimena phrynealis, Moore, Lep. Ceyl. iii, p. 290, pl, 181, fig. 5, (1885).

Rehimena dichromalis, Walker, loc. cit. xxxiv, p. 1492, (1865).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 872.

Collection Swinhoe, Khasi Hills, Rombay, Khandalla, Rangout

Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Rangoon. Also recorded from Ceylon.

4139. REHIMENA (?) PHYCIDALIS.

Botys phycidalis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859). Rehimena (!) phycidalis, Moore, Lep. Ceyl. iii, p. 291, (1885). Ceylon.

4140. REHIMENA SUBJUNCTALIS.

Botys subjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1404, (1865). Rehimena subjunctalis, Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 6, (1885). Ceylon.

Genus Mecyna.

4141. MECYNA DEPRIVALIS.

Mecyna deprivalis, Walker, Cat. Lep. Het. B. M. xix, p. 806, (1859).

Moore, Lep. Ceyl. iii, 352, pl. 179, figs. 1, 1a, (1886).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

4142. MECYNA RUSTICALIS.

Pyralis rusticalis, Hübner, Pyral. 26, 3, pl. 18, fig. 121.* Uresiphita rusticala, Hübner, Verz. bek. Schmett., p. 353, No. 3372, (1816). Mecyna rusticalis, Guén., Delt. et Pyral., p. 411, No. 536, (1854). -- Walker, Cat. Lep. Het. B. M. xix, p. 805, (1859). Butler, Proc. Zool. Soc. Lond. 1886, p. 384. Pyralis limbalis, Wien., Verz. 122, 20.*
Ill. N. Ausg. Dess. ii, 21, 20.* Botys limbalis, Treit. Schmett. vii, 111, 23.* - Fisch, Rösel. Schm. 130.* Herr Schäffer, Eur. Schmett. iv, 32, 93.

Europe, Punjab.

Genus Dysallacta.

4143. DYSALLACTA NEGATALIS.

Phalangiodes (?) negatalis, Walker, Cat. Lep. Het. B. M. xvii, p. 468, (1869). Dysullacta negatalis, Leder, Wien. Ent. Monat. vii, p. 393, pl. 13, fig. 6, (1863). Walker, loc. cit. xxxiv, p. 1479, (1865).
 Moore, Proc. Zool. Soc. Lond., 1867, p. 97. Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
 Moore, Lep. Ceyl. iii, p. 353, (1886). Botys monesusalis, Walker, loc. cit. xviii, p. 653, (1859). Dysullacta monesusalis, Walker, loc. cit. xxxiv, p. 1479, (1865). Botys phanasalis, Walker, loc. cit. xviii, p. 727, (1850). Dysallacta phanasalis, Walker, loc. cit. xxxiv, p. 1479, (1865). 1. M., Kulu (Young), Cherrapunji. Collection Swinhoe, Solun, Bombay, Mahableshwar, Poona. Also recorded from Sikkim, Ceylon, Australia.

Genus Spilodes.

4144. SPILODES MELONALIS.

Botys melonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 702, (1859); and xxxiv, p. 1455, (1865). Spilodes nitetisalis, Walker, loc. cet. xviii, p. 773, (1859); and xxxiv, p, 1455, (1865).

North India, Java, and South Africa.

4145. Spilodes rhodocryptalis.

Spilodes (?) rhodocryptalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1474, (1865).Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874. Poona, Australia.

4146. SPILODES STICTICALIS.

Phalana (Pyralis) sticticalis, Linn., Syst. Nat. i, 2, p. 883, No. 340, (1767). - Faun. Succ., 1354.* - Ginel., ed. Syst. Nat. i, 5, 2524, 340.* Phalana sticticalis, Fabr., Ent. Syst. iii, 2, 235, 399, (1794). Pyralis sticticalis, Gotze, Ent. Beitr. iii, 4, 62, 340.* Uresiphita sticticalis, Hübo., Verz. Bek. Schm. p. 353, No. 3378, (1816). Scozula sticticalis, Treit., Schm. vii, 64, 9.*

Dup., Lep. viii, 96, pl. 5, fig. 5.*

Spilodes sticticalis—continued.

Margaritia sticticalis, Steph., Ill. Brit. Haust. iv, 59, 29.* Botys sticticalis, Herr. Schaff., Eur. Schm. iv, 34, 102.* Spilodes sticticalis, Guén., Delt. et Pyral. p. 381, No. 480, (1854). -- Walker, Cat. Lep. Het. B. M. xviii, p. 767, (1859). Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354. Pyralis fuscatis, Hübn., Pyral. 29, 19, pl. 1, fig. 45. Pyralis tetragonalis, Haw., Lep. Brit. 385. Collection Swinhoe, Quetta.

Also recorded from Europe.

Genus Paliga.

4147. Paliga damastesalis.

Scopula damastesalis, Walker, Cat. Lep. Het. B. M. xix, p. 1013, (1859). - Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 874; and 1886, p. 460.

Paliga damastesalis, Moore, Lep. Ceyl. iii, p. 350, (1886).

I. M., Khandalla and Poona (Swinhoe).

Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Rangoon.

Also recorded from Ceylon.

Genus Udea.

4148. UDEA EXIMIALIS.

Scopula eximialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1471, (1865). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874. Udca eximialis, Moore, Lep. Ceyl. iii, p. 349, (1886). Collection Swinhoe, Bombay. Also recorded from Ceylon.

4149. UDEA FERRUGALIS.

Pyralis ferrugalis, Hübn., Pyral. 27, 13, pl. 9, fig. 54; and pl. 23, fig. 150,* -- Haw., Lep. Brit, 382,* Botys ferrugalis, Treit., Schmett. vii, 94, 11. Scopula ferrugalis, Guén., Delt. et Pyral. p. 398, No. 515, (1854). - Walker, Cat. Lep. Het. B. M. xviii, p. 782, (1859). - Butler, Ann. Mag. N. H. (5), ix, p. 211, (1882). Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354. Europe, Madeira, Kandahar.

4150. UDEA FOTALIS.

Scopula fotalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875, pl. 57, fig. 9. Udea fotalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 384.

I. M., Karachi and Cambellpur (Swinhoe). Collection Swinhoc, Poona, Karachi, Campbellpur.

4151. UDEA HYPATIALIS.

Scopula hypatialis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859). Udea hypatialis, Moore, Lep. Ceyl. iii, p. 349, (1886). Ceylon.

4152. UDEA MACHÆRALIS.

Scopula macharalis, Walker, Cat. Lep. Het. B. M., xix, p. 1013, (1859). Udea macharalis, Moore, Lep. Ceyl. iii, p. 349, (1886). Ceylon.

4153. UDEA MANDRONALIS.

Scopula mandronalis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859). Udea mandronalis, Moore, Lep. Ceyl. iii, p. 349, (1886). Ceylon.

4154. UDEA MARTINALIS.

Scopula (?) martinalis, Walker, Cat. Lep. Het. B. M. xviii, p. 791, (1859). India.

4155. Udea nigrifascialis.

Scopula (?) nigrifascialis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1472, (1865).

Deccan.

4156. UDEA PALMALIS.

Scopula palmalis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, pl. 48, fig. 11.

Collection Swinhoe, Karachi, Hydrabad (Sind).

4157. UDEA PLANGONALIS.

Scopula (?) plangonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 790, (1859). North India.

4158. UDEA RENALIS.

Udea renalis, Moore, Descr. Ind. Lep. Atk., p. 224, (1887). Collection Swinhoe, Sikkim, Nilgiri Hills. Allied to Udea—ferrugalis and Udea hypatialis.

4159. UDEA(?) SUFFUSALIS.

Scopula (?) suffusulis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1471, (1865). Udea (?) suffusulis, Moore, Lep. Ceyl. iii, p. 350, (1886). Ceylon.

4160. UDEA VINCTALIS.

Scopula vinctalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1476, (1865).

Butler, Proc. Zool. Soc. Lond. 1886, p. 384.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.

Warren, Proc. Zool. Soc. Lond. 1888, p. 335.

Collection Swinhoe, Subathu, Campbellpur, Mhow, Karachi,

Collection Swinhoe, Subathu, Campbellpur, Mhow, Karachi, Aden.

Also recorded from Australia.

Genus Lotanga.

4161. LOTANGA DECIUSALIS.

Botys deciusalis, Walker, Cat. Lep. Het. B. M., xviii, p. 696, (1859), and p. 994.

Lotanga deciusalis, Moore, Lep. Ceyl. iii, p. 344, (1886).

Ceylon, Borneo.

4162. LOTANGA MILVINALIS.

Deba milvinalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 875, pl. 57, fig. 2. Lotanga milvinalis, Moore, Lep. Ceyl. iii, p. 344, pl. 183, fig. 11, (1886). Collection Swinhoe, Bombay, Poona, Rangoon, Calcutta. Also recorded from Ceylon.

Genus Chobera.

4163. CHOBERA PALLIDA.

Chobera pallida, Moore, Descr. Ind. Lep. Atk., p. 220, (1887). Calcutta.

Genus Phycidicera.

4164. PHYCIDICERA SURRECTALIS.

Ceylon, Celebes.

Genus Pachynoa.

4165. PACHYNOA MEGAPTERALIS.

Botys megapteralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1407, (1865). Collection Swinhoe, Darjiling.

4166. PACHYNOA OPALINALIS.

Botys opalinalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 620. Andaman Islands.

4167. PACHYNOA PECTINICORNALIS.

Botys pectinicornalis, Guén., Delt. et Pyral., p. 326. No. 351, (1854).

Walker, Cat. Lep. Het. B. M. xviii, p. 647, (1859).

Pachynoa pectinicornalis, Walker, loc. cit. xxxiv, p. 1481, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Bombay, Poona.

4168. PACHYNOA SABELIALIS.

Botys sabelialis, Guén., Delt. et Pyral., p. 326, No. 352, (1854).

Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).

Pachynoa sabelialis, Walker, loc. cit. xxxiv, p. 1481, (1865).

India.

4169. PACHYNOA SELLALIS.

Botys sellalis, Guén. (nec Walker), Delt. et Pyral. 330, 363, (1854). Pachynoa sellalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1481, (1865). Ceylon, Sylhet, Punjab, Nepal.

4170. PACHYNOA THOOSALIS.

Botys thoosalis, Walker, Cat. Lep. Het. B. M. xviii, p. 737, (1859).

Pachynoa thoosalis, Walker, loc. cit. xxxiv, p. 1481, (1865).

Botys thoosalis, Moore (nec Walker), Proc. Zool. Soc. Lond. 1877, p. 619, pl. 60, fig. 16.

Collection Springer. Desilling

Collection Swinhoe, Darjiling.

Also recorded from Ceram, Amboina, and Andaman Islands.

Genus Pionea.

4171. PIONEA BREVIALIS.

Pionea brevialis, Walker, Cat. Lep. Het. B. M. xviii, p. 759, (1859).

Moore. Lep. Ceyl. iii, p. 347, (1886).

Ceylon.

4172. PIONEA FORFICALIS.

Phalana (Pyralis) forficalis, Linn., Syst. Nat. i, 2, p. 882, No. 334, (1767)
Faun. Suec. p. 351, No. 1352, (1761).
Gmel. ed. Syst. Nat. i, 5, 2521, 334.*
Phalana forficalis, Fabr., Sp. Ins. ii, p. 272, No. 177, (1781).
Mant. Ins. ii, p. 217, No. 276, (1787).
- Ent. Syst. iii, 2, p. 222, No. 353 (1794).
Crambus forficatus, Fabr., Ent. Syst. Suppl. 467, 20.
Pyralis forficalis, Wien., Verz. 122, 17.
Fuessel, Schmt. Ins. 82, 813.*
Lang., Verz. ii, 211, 1433.*
Götze, Ent. Beyte. iii, 4, 57, 334.*
Müll., Faun. Frid. 54, 484.*
Zool., Dan. Prodr. 133, 1535.
Brahm., Ins. Kul. ii, 1, 325, 210.*
Ill. N. Ausg. Dess. ii, 19, 17.
Hübn., Pyral. 28, 17, pl. 9, fig. 58.*
Haw., Lep. Brit. 377.*

PIONEA FORFICALIS—continued.

Collection Swinhoe, Sikkim.

Also recorded from Europe.

4173. PIONEA NOBILIS.

Pionea nobilis, Moore, Descr. Ind. Lep. Atk. p. 224, pl. 7, fig. 29, (1887). Darjiling.

Genus Nymphula.

4174. NYMPHULA DEPUNCTALIS.

Hydrocampa depunctalis, Guén, Delt. et Pyral., p. 274, No. 265, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869.

Nymphula depunctalis, Moore, Lep. Ceyl. iii, p. 305, (1886).

Zebronia (?) decussalis, Walker, loc. cit., xvii, p. 481, (1859).

Collection Swinhoe, Bombay, Alibagh, Rangoon.

Also recorded from Ceylon.

4175. NYMPHULA INTERPUNCTALIS.

I. M., Karachi (Swinhoe). Collection Swinhoe, Karachi, Larkana (Sind). Also recorded from Europe.

Genus Godara.

4176. GODARA COMALIS.

Pionea comalis,	Guén , Delt. et Pyral., p. 368, No. 453, (1854).
Godara comalis,	Walker, Cat. Lop. Het. B. M. xix, p. 809, (1859).
	Butler, Ann. Mag. Nat. Hist. 1880. (5), Vol. 5, p. 226.
	Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, and 1885, p.
	875.
	Leder., Pyral Wien. Ent. Monat, vii, p. 383, pl. 12, fig.
	6. (1863).

Snellen Tijd. voor. Ent., 1883, p. 134. Moore, Lep. Ceyl. iii, p. 348, pl. 179, figs. 2, 2a, 2b, (1886). GODARA COMALIS—continued.

Pionea incomalis, Guén., Delt. et Pyral., p. 369, No. 454, (1854). Godara incomalis, Walker, loc. cit., p. 810. - Butler, Proc. Zool. Soc. Lond. 1881, p. 622; and 1883, p. - Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525. I. M., Ceylon (Colombo Museum), Karachi (Swinhoe). Collection Swinhoe, Karachi, Satara, Ceylon, Nilgiri Hills, Rangoon. FAMILY MARGARONIDE. Genus Glyphodes. 4177. GLYPHODES ACTORIONALIS. Glyphodes actorionalis, Walker, Cat. Lep. Het. B. M. xvii, p. 498, (1859). - Moore, Proc. Zool. Soc. Lond. 1867, p. 92; and 1877, p. 618. Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871. Moore, Lep. Ceyl. iii, p. 322, pl. 180, fig. 1, 3, (1886). I. M., Andaman Islands (purchased). Collection Swinhoe, Andaman Islands, Bombay. Also recorded from Ceylon. 4178. GLYPHODES BICOLOR. Botys bicoler, Swainson, Zool. Illustr., 1st ser. ii, pl. 77, fig. 2, (1821). Glaphodes bicolor, Moore, Lep. Ceyl. iii, p. 321, (1886). Eudioptis perspicillalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. (1852), p. 53.* Glyphodes perspicillalis, Meyrick, Trans. Ent. Soc. Lond. (1884), p. 299. Glyphodes diurnalis, Guén., Delt. et Pyral., p. 291, 300, pl. 5, fig. 5, (1854). - Walker, Cat. Lep. Het. B. M. xvii, p. 408, (1859). Leder., Pyral, Wien, Ent. Monat, vii, p. 402, (1863). Moore, Proc. Zool. Soc. Lond. 1867, p. 92. Swinhoe, Proc. Zool. Soc. Lond. 1855, p. 872. Glyphodes parvalis, Walker, lor. cit., xxxiv, p. 1355, (1865). ---- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872. I. M., Sikkim (purchased), Mergui (Anderson). Collection Swinhoe, Poona Travancore, Calcutta, Andamans, Rangoon. Also recorded from Australia, Celebes, Java, Ceylon, and South Africa. 4179. GLYPHODES BIVITRALIS. Glyphodes bivitralis, Guén., Delt. et Pyral., p. 293, No. 298, (1854). Walker, Cat. Lep. Het. B. M. xvii, p. 497, (1859). Moore, Proc. Zool. Soc. Lond., 1878, p. 849. - Leder., Pyral. Wien. Ent. Monat. vii, p. 402, (1863). - Moore, Lep. Ceyl. iii, p. 322, pl. 180, figs. 2, 2a, larva, (1886).I. M., Sibsagar (Peal), Andaman Islands (purchased), Sikkim (Barakur). Co lection Swinhoe, Bombay, Ceylon, Alibagh, Darjeeling. Also recorded from Tenasserim.

4180. GLYPHODES CALIDALIS.

Glyphodes calidalis, Guén., Delt. et Pyral, p. 294, No. 299, (1854).

Walker, Cat. Lep. Het. B. M., xvii, p. 497, (1859).

Coromandel.

4181. GLYPHODES CHILKA.

Glyphodes chilka, Moore, Descr. Ind. Lep. Atk., p. 216, pl. 7, fig. 9, (1887). Darjiling.

4182. GLYPHODES CONCLUSALIS.

4183. GLYPHODES FESSALIS.

Glyphodes fessalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459, pl. 41, fig. 13.

I. M., Audaman Islands (de Roepstorff). Collection Swinhoe, Mhow, Karachi,

4184. GLYFHODES ITYSALIS.

Glyphodes itysalis, Walker, Cat. Lep. Het. B. M., xvii, p. 501, 3, (1859).

Moore, Lep. Ceyl. iii, p. 323, pl. 180, fig. 4, (1886).

I. M., Bombay and Khandalla (Swinhoe), Sibsagar, Andaman Islands (de Roepstorff), Nicobar Islands (de Niceville).

Collection Swinhos, Bombay, Khandalla, Ceylon, Andaman Islands.

Also recorded from Borneo.

4185. GLYPHODES LACUSTRALIS.

Glyphodes lucustralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93, pl. 7, fig. 11.

Bengal.

4186. GLYPHODES LUCIFERALIS.

Betys luciferalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1412, (1865).

Glyphodes luciferalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

lora, Moore, M. ss., Walker, loc. cit. xxxv, p. 1978, (1866).

I. M., Sibsagar (Peal), Sikkim (Barnes), Andaman Islands (purchased), Calcutta.

Collection Swinhoe, Darjiling, Bombay.

4187. GLYPHODES MARGINALIS.

Glyphodes marginalis, Moore, Proc. Zool. Soc. Loud., 1877, p. 618, pl. 60, fig. 15.

Andaman Islands.

4188. GLYPHODES PYLOALIS.

Glyphodes pyloalis, Walker, Cat. Lep. Het. B. M. xix, p. 973, (1859).

Moore, Lep. Ceyl. iii, p. 321, pl. 180, fig. 3, (1886).

Collection Swinhoe, Ceylon. Also recorded from China.

4189. GLYPHODES STOLALIS.

Glyphodes stolalis, (uen. Delt. et Pyral, p. 293, No. 296, pl. 3, fig. 11, (1854).
V	Valker, Cat. Lep. Het. B. M. xvii, p. 497, (1859).
L	eder, Pyral., Wien. Ent. Monat. vii, p. 402, (1863).
N	loure, Proc. Zool. Soc. Lond. 1867, p. 92; and 1878, p.
	849.
S	nellen, Tijd. Voor. Ent. p. 143, vol. xxvi, (1883).
N	loore, Lop. Ceyl. Ent. iii, p. 321, (1886).
	eal), Sikkim (purchased).
Also recorded from	a Ceylon and Celebes.

4190. GLYPHODES ZELIMALIS.

Glyphodes Zelimalis. Walker, Cat. Lep. Het. B. M. xvii, p. 502, (1859).

Moore, Lep. Ceyl. iii, p. 557, pl. 215, fig. 6, (1887).

Ceylon, Borneo.

Genus Polythlipta.

4191. POLYTHLIPTA CEREALIS.

Polythlipta cerealis, Leder., Wien. Ent. Monat. vii, 477, (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).

India.

4192. POLYTHLIPTA DISTORTA.

Polythlipta distorta, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 25, (1887).

Darjiling.
Allied to P. vagalis.

4193. POLYTHLIPTA DIVARICATA.

Polythlipta divaricata, Moore, Lep. Ceyl. jii, p. 311, pl. 179, fig. 16, \$\varphi\$, 16a larva, (1886).

Collection Swinhoe, Ceylon.

Sylhet.

4194. POLYTHLIPTA MACERATALIS. Polythlipta maceratalis, Leder., Wien. Ent. Monat. vii, p. 477, pl. 12' fig. 14, 3. (1863). - Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).Polythlipta macralis (sic), Moore, Lep. Ceyl. iii, p. 310, (1886). Ceylon. 4195. POLYTHLIPTA PERAGRATA. Polythlipta peragrata, Moore, Descr. Ind. Lep. Atk. p. 216, pl. 7, fig. 15, (1887).Darjiling. Allied to P. vagalis. 4196. POLYTHLIPTA VAGALIS. Glyphodes vagalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1865). - Moore, Proc. Zool. Soc. Lond. 1867, p. 93. I. M., Kulu (Young). Collection Swinhoe, Solun, Darjiling. Genus Phakellura. 4197. PHAKELLURA INDICA. Eudioptes indica, Saunders, Trans, Ent. Soc. Lond., p. 1851, p. 163, pl. 12, figs. 5, 6, 7. - Moore, Lep. Ceyl. iii, p. 324, (1886). Phakellura indica, Walker, Cat. Lep. Het. B. M. xviii, p. 514, (1859). Snellen, Tijd Voor. Ent. xxvi, p. 141, (1883). - Swinhoe, Proc. Zool. Soc. Lond. 1881, p. 525, 1885, p. 870 and 1886. - indicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93. gazorialis, Guén. Delt. et Pyral, p. 207, No. 304, (1854). -Leder, Wien. Ent. Monat. vii, p. 400, (1863). -Semper, Verh. Zool. Bot. Ges. 1867, p. 702. Phacellura indica (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 297. I. M., Karachi [Swinhoe], Ranchi [Irvine], Sikkim, Calcutta. Collection Swinhoe, Umballa, Nilgiri Hills, Mhow, Karachi, Poona, Bombay, Ceylon, Andaman Islands, Rangoon. Also recorded from Africa, China, Australia, Celebes, Java, Formosa. 4198. Phakellura superalis. Phakellura superalis, Guén., Delt. et Pyral, p. 299 No. 310, (1854). - Walker, Cat. Lep. Het. B. M. xviii, p. 515, (1859). - Moore, Proc. Zool. Soc. Lond. 1867, p. 93. Sylhet. 4199. PHAKELLURA TRANSLUCIDALIS. Phakellura translucidalis, Guén., Delt. et Pyral., p. 299, No. 309, (1854). --- Walker, Cat. Lep Het. B. M. xviii, p. 515, (1859). - Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Genus Cydalima.

4200. CYDALIMA CONCHYLALIS.

Margarodes conchylalis, Guén., Delt. et Pyral., p. 303, No. 317, pl. 8, fig. 9, (1854). Margaronia conchylalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).Cydalina conchylalis, Leder., Wien. Ent. Monat. vii, p. 397, (1863). Walker, loc. cit., xxxiv, p. 1369. (1865). - Moore, Proc Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850. - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871. - Moore, Lep. Ceyl. iii, p. 326, (1886). I. M., Khasi Hills, Sibsagar, Dansiri.

Collection Swinhoe, Bhuj, Poona, Bombay, Sikkim.

Also recorded from Ceylon.

4201. CYDALIMA LATICOSTALIS.

Margarodes laticostalis, Guén., Delt. et Pyral., p. 303, No. 315, ♀, (1854). Margaronia laticostalis, Walker, Cat. Lep. Het. B. M. xviii, 528, (1859). Cydalima laticostalis, Walker, loc. cit., xxxiv, p. 1368, (1865).

- Moore, Proc. Zool. Soc. Lond., 1867, p. 93, and

1877, p. 618.
- Lep. Ceyl. iii, p. 326, pl. 182, fig. 4, (1886). Margaronia leodicealis, Walker, loc. cit., xviii, p. 530, &, (1859).

I. M., Sibsagar (purchased), Sikkim (Barnes), Buxar, (Moti Ram), Dansiri (purchased), Andaman Islands (de Roepstorff), Sind (Karachi Museum).

Collection Swinhoe, Sikkim, Ceylon, Andaman Islands, Rangoon.

4202. CYDALIMA NITIDICOSTALIS.

Margarodes nitidicostalis, Guén., Delt. et Pyral., 303, No. 316, (1854). Margaronia nitidicostalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859). Cydalima nitidicostalis, Walker, loc. cit., xxxiv, p. 1369, (1865). Sylhet.

4203. CYDALIMA SUBMARGINALIS.

Botys submarginalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1414, (1865). Cydalima submarginalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Sikkim, Sibsagar, Naga Hills, Karachi (Simla). Collection Swinhoe, Karachi, Bombay, Nilgiri Hills.

Genus Enchocnemidia.

4201. Enchocnemidia phryneusalis.

Margaronia phryneusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, &, (1859).

-- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871. Enchocnemidia phryneusalis, Moore, Lep Ceyl. iii, p. 328, pl. 182, fig. 12, 3, (1886).

Margaronia morvusalis, Walker, loc. cit., xviii, p. 533, ♀, (1859). Margaronia atlitalis, Walker, loc. cit., p. 533, \$, (1859).

Collection Swinhoe, Sikkim, Bombay.

Also recorded from Borneo and Australia.

Genus Margaronia.

4205. MARGARONIA CELSALIS.

Botys celsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 654, (1859).

Margaronia celsalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

Moore, Lep. Ceyl. iii, p. 325, pl. 181, fig. 4, (1886).

I. M., Ranchi (Irvine), Ceylon (Colombo Museum). Collection Swinhoe, Khasi Hills, Poona, Nilgiri Hills, Rangoon. Also recorded from Borneo.

4206. MARGARONIA FRATERNA.

Margaronia fraterna, Moore, Descr. Ind. Lep. Atk., p. 217, (1887). Cherrapunji. Allied to M. celsalis.

4207. MARGARONIA GLAUCULALIS.

Margarodes glauculalis, Guén., Delt. et Pyral., p. 306, No. 325, (1854).

Leder, Pyral. Wien. Ent. Monat. vii, p. 398, (1863).

Margaronia glauculalis, Walker, Cat. Lep. Het. B. M. xviii, p. 532, (1859).

Moore, Lep. Ceyl, iii, p. 325, pl. 181, figs. 2, 2a, 1886.

Margaronia vertumnalis, Swinhoe (nec Guén.), Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Ceylon (Swinhoe).

Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.

4208. MARGARONIA TRANSVISALIS.

Margarodes transvisalis, Guén., Delt. et Pyral. 304, No. 320, (1854).

Margaronia transvisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 525, (1859), and xix, p. 976, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

Warren, Proc. Zool. Soc. Lond. 1858, p. 334.

Collection Swinhoe, Solun, Nilgiri Hills. Also recorded from Mauritius, Africa, and Australia.

Genus Pachyarches.

4209. PACHYARCHES AMPHITRITALIS.

Margarodes amphitritalis, Guén., Delt. et Pyral. 307, No. 327, (1854).

Margaroia amphitritalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).

Pachyarches amphitritalis, Leder., Wien. Ent. Monat. vii, p. 398, (1863).

Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

Sylhet.

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4210. PACHYARCHES HILARALIS.

Margaronia hilaralis, Walker, Cat. Lep. Het. B. M., xviii, p. 532, (1859). Pachyarches hilaralis, Moore, Lep. Ceyl. iii, p. 328, (1886). Collection Swinhoe, Sikkim, Rangoon.

Also recorded from Ceylon.

4211. PACHYARCHES MARTHESIUSALIS.

Margaronia marthesiusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, (1859).

Pachyarches marthesiusalis, Moore, Proc. Zool. Soc. Lond. 1867. p. 94. and 1878, p. 850.

I. M., Sibsagar, Naga Hills, North Khasi Hills, Sikkim, Calcutta, Dansiri.

4212. PACHYARCHES POMONALIS.

Margarodes pomonalis, Guén., Delt. et Pyral., p. 309, No. 334, (1854). Margaronia pomonalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530, (1859). -Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871. Pachyarches pomonalis, Leder., Wien. Ent. Monat. vii, p. 398, (1863). - Moore, Proc. Zool. Soc. Lond., 1867, p. 94. Lep. Ceyl. iii, p. 327, pl. 182, fig. 7, 3, (1880).

Collection Swinhoe, Bombay, Poona, Khandalla. Also recorded from China and Ceylon.

4213. PACHYARCHES PSITTACALIS.

Parotis psittacalis, Hübn., Samml. Exot. Schmett. iii, p. 30, (1825)*. Margarodes psittacalis, Guén., Delt. et Pyral., p. 308, No. 332, (1854). Margaronia psittacalis, Walker, Cat. Lep. Het. B. M., xviii, p. 529, (1859). Pachyarches psittacalis, Leder., Pyral. Wien. Eut. Monat. vii, p. 398,(1863). Moore, Proc. Zool. Soc. Lond. 1867, p. 94. Meyrick, Trans. Ent. Soc. Lond. 1884, p. 296. Moore, Lep. Ceyl. iii, p. 327, (1886). Margaronia maliferalis, Walker, loc. cit., xxxiv, p. 1363, &, (1865). - Swinhoe, Proc. Zool. Soc., 1885, p. 871. Pachyarches maliferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

I. M., Sikkim (Barnes), Andaman Islands (purchased), Sib. sagar (Peal), Calcutta, Dansiri.

Collection Swinhoe, Bombay, Nilgiri Hills, Rangoon, Andaman

Also recorded from Australia and Celebes.

4214. PACHYARCHES TIBIALIS.

Pachyarches tibialis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618. Andaman Islands, Calcutta. Allied to P. maliferalis.

4215. PACHYARCHES VERTUMNALIS.

Margarodes vortumnalis, Guén., Delt. et Pyral., p. 309, No. 333, (1854). Margaronia vertumnalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530. (1859).

Pachyarches vertumnalis, Moore, Proc. Zool. Soc. Lond., 1878, p. 850.

Tenasserim and Central India.

Genus Sisyrophora.

4216. SISYROPHORA PFEIFFERM.

Sisyrophora pfeifferæ, Leder., Wien. Ent. Monat. vii, p. 399, pl. 13, fig. 13, (1863).

Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

I. M., Andaman Islands (purchased). Collection Swinhoe, Darjiling, Andaman Isles. Also recorded from Singapore.

Genus Hoterodes.

4217. HOTERODES CINEREALIS.

Hoterodes cinerealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 94. Collection Swinhoe, Darjiling.

Genus Pygospila.

4218. Pygospila tyres.

Phalana (pyralis) tyres, Cram., Pap. Exot. iii, pl. 263, fig. C, (1779). Pygospila tyres, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521. - Leder, Pyral. Wien. Ent. Monat. vii, p. 404, (1863). Moore, Lep. Ceyl. iii, p. 329, (1886).
 Warren, Proc. Zool. Soc. Lond. 1888, p. 334. Phlyctænia thyralis, Hübn., Verz. Bek. Schm. p. 359, No. 3442, (1816). Pygospila tyresalis, Guén., Delt. et Pyral., p. 312, No. 340, (1854). - Walker, Cat. Lep. Het. B. M. xviii, p. 537, (1859). - Moore, Proc. Zool. Soc. Lond. 1867, p. 95. - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870; and 1886. р. 459. Phalana astuata (part), Fabr., Syst. Ent., p. 638, No. 98, (1775). - (nec Linn.), Ent. Syst. iii, 2, p. 207, No. 290, (1794). Pygospila costiflexalis, Guén., Delt. et Pyral., p. 313, No. 341, (1854). Lomotropa costiflexalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 405, pl. 14, hg. 8, 3, (1863).

Pygospila costiferalis, Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870. I. M., Sikkim (Barnes), Karachi and Bombay (Swinhou), Ranchi (Irvine), Kulu (Young), Buxar (Moti Ram), Cal-

Collection Swinhoe, Karachi, Mhow, Poona, Khandalla, Bombay, Nilgiri Hills.

Also recorded from Ceylon,

Genus Neurina.

4219. NEURINA PROCOPIA.

Phalæna (Pyralis) procopia, Cram., Pap. Exot. iv, 152, pl. 368, fig. e, (1782).

Englyphis procopialis, Hübn., Verz. bek. Schmett, p. 341, No. 3275, (1816).

Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).

Moore, Proc. Zool. Soc. Lond., 1867, p. 95, and 1878, p. 850.

NEURINA PROCOPIA - continued.

Neurina procopialis, Guén., Delt. et Pyral., p. 314, No. 342, (1854).

procopia, Leder., Wien. Ent. Monat. vii, p. 395, (1863). - Moore, Lep. Ceyl. iii, p. 330, pl. 182, fig. 1, (1886).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Sikkim (purchas-

Collection Swinhoe, Sylhet, Ceylon.

Also recorded from Java and Amboina.

Genus Filodes.

4220. FILODES FULVIDORSALIS.

Pinacia fulvidorsalis, Hübn., Geyer, Zutr. Sammel. Exot. Schmett. 15. 322, fig. 643, 644, (1832).* Filodes fulvidorsalis, Guén., Delt. et Pyral., p. 317, No. 343 (1854). - Leder., Wien. Ent. Monat. vii, p. 391, pl. 12, fig. 17, (1863).- Moore, Proc. Zool, Soc. Lond. 1867, p. 95. Euglyphis fulvidorsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 539, (1859). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872. Filodes fulvidorsalis, Moore, Lep. Ceyl. iii, p. 331, pl. 182, fig. 23,2a larva.

I. M., Calcutta, Ceylon (Swinhoe).

Collection Swinhoe, Darjiling, Belgaum, Khandalla, Ceylon, Rangoon.

Also recorded from Java, Manilla, and Réunion.

4221. FILODES MIRIFICALIS.

Auxomitia mirificalis, Leder., Wien. Ent. Monat. vii, p. 391, pl. 13, fig. 1, (1863). Walker, Cat. Lep. Het. B. M. xxxiv, p. 1370, (1865).- Moore, Proc. Zool. Soc. Lond. 1877, p. 619. Filodes mirificalis, Moore, Lep. Ceyl. iii, p. 331, (1886). I. M., Andaman Islands (purchased). Collection Swinhoe, Ceylon.

4222. FILODES NIGROLINEALIS.

Filodes nigrolinealis, Moore, Proc. Zool. Soc. Lond., 1867, p. 95. Bengal. .

4223. FILODES OCTOMACULALIS.

Filodes octomaculalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 95. Darjiling.

4224. FILODES PATRUELIS.

Filodes patruelis, Moore, Descr. Ind. Lep. Atk., p. 218, (1887). Calcutta, Cherrapungi. Allied to F. fulvidorsalis.

Genus Euclasta.

4225. EUCLASTA DEFAMATALIS.

Ilurgia defamatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 544, (1859). Euclasta defamatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872, and 1886, p. 459.

Collection Swinhoe, Mhow, Bombay, Alibagh, Nilgiri Hılls, Rangoon.

Also recorded from Nepal and Ceylon.

4226. Euclasta filigeralis.

Euclasta filigeralis, Leder., Wien. Ent. Monat,, vii p. 481, pl. 15, fig. 14, (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1368, (1865).

India.

Genus Noorda.

4227. NOORDA BLITEALIS.

Genus Cornifrons.

4228. Cornifbons ulceratalis.

Cornifrons ulceratalis, Leder., Wien. Ent. Monat. vii, p. 384,— (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1491, (1865).

India, Syria.

Genus Maruca.

4229. MARUCA TESTULALIS.

Crociphora testulalis (Hübn.), Geyer, Zütr. Samınl. Exot. Schmett. iv, 12, 315, figs. 629-30, (1832).*

Stenia testulalis, Guén., Delt. et Pyral., pp. 247, 230, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 420, (1859).

Siriocauta testulalis, Leder., Pyral. Wien. Ent. Monat. vii. p. 424, (1863).

Meyrick, Trans. Ent. Soc. Lond. 1884, p. 299.

Snellen, Tijd. Voor, Ent. vol. xxvii, p. 39, (1884).

Maruca testulalis, Moore, Lep. Ceyl. iii, p. 298, (1885).

Hydrocampa aquatilis, Boisd., Guér. Men. Icon. Reg. Anim. Ins., pl. 90, fig. 9, (1844).*

Maruca aquatilis, Walker, Cat. Lep. Het. B. M. xviii, p. 540, (1859).

Butler, Ann. Mag. Nat. Hist. (5), xviii, p. 198, (1866).

MARUCA TESTULALIS -continued.

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Maruca aquatilis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93.
Swinhoe Proc. Zool. Soc. Lond. 1885, p. 870.

I. M., Khandalla (Swinhoe), Kulu (Young), Sibsagar, Dansiri, Ceylon (Colombo Museum).

Collection Swinhoe, Khasi Hills, Darjiling, Umballa, Poona, Khandalla, Nilgiri Hills, and Andaman Islands, Rangoon.

Also recorded from S. America, S. Africa, Australia, Celebes and Borneo.

Genus Pitama.

4230. PITAMA LATIVITTA.

Pitama lativitta, Moore, Descr. Ind. Lep. Atk., p. 217, pl. 7, fig. 21, (1887). Darjiling.

Genus Rhagoba.

4231. RHAGOBA BIMACULATA.

Rhagoba bimaculata, Moore, Deser. Ind. Lep. Atk., p. 218, (1887). Darjiling.

Genus Charema.

4232. CHAREMA ALBOCILIATA.

Charema albociliata, Moore, Descr. Ind. Lep. Atk., p. 219, (1887). Calcutta.

4233. CHAREMA CALETORALIS.

Botys calctoralis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sylhet.

4234. CHAREMA IMBECILIS.

Charema imbecilis, Moore, Descr. Ind. Lep. Atk., p. 219, pl. 7, fig. 23, (1887). Darjiling.
Allied to G. vinacealis.

4235. CHAREMA NOCTESCENS.

Charema noctescens, Moore, Descr. Ind. Lep. Atk., p. 218, (1887). Darjiling.

4236. CHAREMA VINACEALIS.

Botys vinaceulis, Moore, Proc. Zool. Soc. Lond. 1877, p. 619, and 1878, p. 850.
Collection Swinhoe, Sibsagar.

Also recorded from Andaman Islands and Tenasserim.

Allied to C. caletoralis.

FAMILY ASOPIDÆ.

Genus Chnaura.

4237. CHNAURA OCTAVIALIS.

Syngamia octavialis, Walker, Cat. Lep. Het. B. M. xvii, p. 334, \$\(\), (1859). Chnaura octavialis, Leder., Pyral. Wien. Ent. Monat. vii, p. 435, pl. 17 fig. 4, (1863).

Walker, loc. cit., xxxiv, p. 1323, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

Lep. Ceyl. iii, p. 271, (1885).

I. M., Sibsagar (Peal).

Also recorded from Ceylon and Sumatra.

Genus Sameodes.

4238. SAMEODES PIPLEISALIS.

Stenia pipleisalis, Walker, Cat. Lep. Het. B. M., xvii, p. 420, (1859). Sameodes pipleidalis, Meyrick, Trans. Ent. Soc. 1884, p. 300. Sameodes pipleisalis, Moore, Lep. Ceyl. iii, p. 307, pl. 181, fig. 14, (1886). Lepyrodes (t) lepidalis, Walker, loc. cit., xvii, p. 405, (1859).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 91. Samea sidealis, Walker, loc. cit., xix, p. 937, (1859).

Hymenia meridionalis, Walker, loc. cit., xxxiv, p. 1314, (1865). Sameodes trithyralis, Snellen, Tijd. Voor. Ent. 1880, p. 218, and 1883, p. 134, pl. 8, fig. 4.

Samea vespertinalis, Saalmuller, Ber. Senck. Gesell. 1880, p. 301.*

India, Ceylon, and Australia.

Genus Samea.

4239. SAMEA ABSTRUSALIS.

Addiodes abstrusalis, Moore, Descr. Ind. Lep. Atk., p. 207, (1887). Calcutta.
Allied to S. inscitalis.

4240. SAMEA (?) BIPUNCTALIS.

Samea (?) bipunctalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 333. Thundiani (Punjab).

4241. SAMEA COMMIXTA.

Samea commixta, Butler, Ann. Mag. Nat. Hist. Descr. 1879, p. 453. I. M., Ceylon (Colombo Museum). Collection Swinhoe, Solun. Also recorded from Japan.

4242. SAMEA CONTINENTALIS.

Samea continentalis, Guén., Delt. et Pyral, p. 197, No. 139, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).
India.

4243. Samea cuprinalis.

Samea cuprinalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 615.

Andaman Islands.

4244. SAMEA GEOGRAPHICALIS.

Samea geographicalis Guén., Delt. et Pyral., p. 197, No. 138, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).

India.

4245. SAMEA GRACILIS.

Samea (!) gracilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 334. Thundiani (Punjab).

4246. SAMEA GRATIOSALIS.

Samea gratiosalis, Walker, Cat. Lep. Het. B. M., xvii, p. 357, &, (1859).

Moore, Proc. Zool. Soc. Lond., 1867, p. 90.

Lep. Ceyl. iii, p. 274, (1885).

Darjiling, Ceylon.

4247. SAMEA INSCITALIS.

Ediodes inscitalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1297, (1865).

Sumea inscitalis, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 868; and 1886, p. 458.

Collection Swinhoe, Mhow, Poona, Travancore, Alibagh, Nilgiri Hills and Andaman Islands, Rangoon. Allied to S. ecclesialis, Guén.

4248. SAMBA PURPURASCENS.

Samea purpurascens, Moore, Proc. Zool. Soc. Lond. 1877, p. 61 I. M., Andaman Islands (purchased).

4249. SAMEA QUINQUIGERA.

Samea quinquigera, Moore, Descr. Ind. Lep. Atk., p. 207, pl. 7, fig. 14, (1887).

Darjiling.

4250. SAMBA RHODOPHILALIS.

Endotricha (?) rhodophilalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1311, (1865).

I. M., Dausiri, Sibsagar. Collection Swinhoe, Bombay. Also recorded from Ceylon.

4251. SAMEA RORIDALIS.

Asopia (?) roridalis, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859). Samea roridalis, Moore, Lep. Ceyl. iii, p. 275, (1885). Ceylon.

4252. SAMEA YERBURII.

Samea yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 383, pl. 35, fig. 6. Murres.

Allied to S. magna of Japan.

Genus Tamraca.

4253. TAMRACA TORRIDALIS.

Asopia torridalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 342, 457, pl. 6, fig. 15, (1863).

Walker, Cat. Lep. Het. B. M., xxxiv, p. 1304, (1865). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.

Tamraca torridalis, Moore, Lep. Ceyl. iii, p. 554, pl. 215, figs. 7, 8, ₹, ♀, (1887).

Collection Swinhoe, Bombay. Also recorded from Ceylon.

Genus Mabra.

4254. MABRA ERYXALIS.

Asopia cryxalis, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859). Mabra cryxalis, Moore, Lep. Ceyl. iii, p. 280, pl. 179, fig. 4, 1885. Ceylon.

4255. MABRA FLAVOFIMBRIATA.

Mabra flavofimbriata, Moore, Descr. Ind. Lep. Atk., p. 208, (1887). Calcutta.

Genus Asopia.

4256. Asopia limbolalis.

Asopia limbolalis, Moore, Proc. Zool. Soc. Lend., 1877, p. 615. Andaman Islands.

4257. Asopia onychinalis.

Asopia onychinalis, Guén., Delt. et Pyral., p. 205, No. 158, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 369, (1859).

Coromandel.

Genus Desmis.

4258. DESMIA CRITHEALIS.

Desiria crithealis, Walker, Cat. Lep. Het. B. M. xvii, p. 344, (1859). Collection Swinhoe, Simla. Also recorded from North China.

4259. Desmia (?) Luctuosalis.

Hyalitis luctuosalis, Guén., Delt. et Pyral, p. 290, No. 291, (1854). Desmiac (?) luctuosalis, Walker, Cat. Lep. Het. B. M. xvii, p. 345, (1859). India.

Genus Danaga.

4260. DANAGA CONCISALIS.

Desmia concisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 345, (1859). Danaga concisalis, Moore, Lep. Ceyl. iii, p. 272, pl. 179, fig. 3, &, (1885). Ceylon.

Genus Hymenia.

4261. HYMENIA PERSPECTALIS.

Pyralis perspectalis, Hübn., Exot. Schm. Pyral., fig. 101.*

Hymenia perspectalis, Hübn., Verz. Schm., p. 361, No. 2452, (1816).*

Walker, Cat. Lep. Het. B. M. xvii, p. 395, (1859).

Spoladea perspectalis, Guén., Délt. et Pyral., p. 226, No. 192, (1854).

Collection Swinhoe, India.

Also recorded from Jamaica, Rio Janeiro.

San Domingo, Venezuela.

4262. Hynenia recurvalis.

Phalana recurvalis, Fabr., Ent. Syst. iii. 2, p. 237, No. 407, (1794). Spoladia recurvalis, Guén., Delt. et Pyral., p. 225, 190, pl. 8, fig. 5, (1854). Hymenia recurvalis, Walker, Cat. Lep. Hot. B.M. xvii, p. 396, (1859). - Moore, Lep. Ceyl. iii, p. 293, (1885). - Warren, Proc. Zool. Soc. Lond. 1888, p. 407. Zinckenia recurvalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 437, (1863). Walker, loc. cit., xxxiv, p. 1321, (1865).
 Snellen, Tijd. Voor. Ent. vii, p. 95, (1872). - Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. p. 55, (1883).* - Meyrick, Trans. Ent. Soc. Lond., 1884, p. 308. Phalone angustalis, Fabr., Mant., p. 222, No. 309, (1787). Phalana (Pyralis) fascialis Cramer, Pap. Exot. iv, pl. 398, fig. 0, (1782). ---, Stoll., Pap. Exot. v, pl. 36, fig. 13, (1790). Hymenia diffascialis, Hübn., Verz. Bek. Schm., p. 361, No. 3453, (1816). Hydrocampa albifascialis, Boisduval, Faun. Eat. Madag. Lep , p. 119, pl. 16, fig. 1, (1834).* Phalana nigrella, Linn., Syst. Nat., ed. 13, iii, App., p. 225. Hymenia fascialis, Butler, Ann. Mag. Nat. Hist. (5), 5, 1880, p. 226. -- Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1856, p. 867; and 1886, p. 457. --- Butler, Proc. Zool. Soc., 1886, p 384.

1. M., Karachi (Swinboe), Calcutta, Andaman Islands (purchased), Kulu (Young), Nicobar Islands (de Niceville), Mergui (Anderson).

Collection Swinhoe, Andaman Islands, Kasauli, Poona, Campbellpur, Mhow, Karachi, Satara, Bombay, Rangoon, Ceylon, Nilgiri Hills.

Also recorded from West Indies, S. America, Africa, Australia, New Zealand, China, and New Guinea.

Genus Coptobasis.

4263. COPTOBASIS ADDUCTALIS.

Botys adductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 669, (1859). Coptobasis adductalis, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 7, (1885). Coptobasis luminalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 482, No. 118, pl. 16, fig. 10, (1863).

Collection Swinhoe, Nilgiri Hills. Also recorded from Ceylon.

4264. COPTOBASIS ÆNEALIS.

Coptobasis anealis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867; and 1886, p. 458.

Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Khandalla.

Allied to C. opisalis.

4265. COPTOBASIS ANDAMANALIS.

Coptobasis and amanalis, Moore, Proc. Zool. Soc. Load. 1877, p. 615, pl. 60, fig. 14.

Andaman Islands. Allied to C. wmealis.

4266. COPTOBASIS COLOMBOENSIS.

Coptobasis colomboensis, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 13, (1887).

4267. COPTOBASIS CROTONALIS.

Bolys crotonalis, Walker, Cat. Lep. Het. B.M. xix, p. 997, (1859). Coptobasis crotonalis, Moore, Lep. Ceyl. iii, p. 292, (1885). Ceylon.

Allied to C. (Botys) sulcialis from Borneo.

426S. COPTOBASIS CUPREALIS.

Coptobasis cuprealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 616, pl. 60, fig. 13.

I. M., Andaman Islands (purchased).Collection Swinhoe, Audaman Islands.

4269. COPTOBASIS DEFICIENS.

Coptobasis deficiens, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 12, (1887).

4270. COPTOBASIS FRATERNA.

Coptobasis fraterna, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 8, Ceylon,

4271. COPTOBASIS LUNALIS.

Botys lunalis, Guén., Delt. et Pyral., p. 352, No. 417, (1854).

Walker, Cat. Lep., Het. B. M. xviii, pl. 662, (1859).

Coptobasis lunalis, Moore, Proc. Zool. Soc. Lond., p. 1877, p. 616.

Lep. Ceyl. iii, p. 291, (1885).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 867.

Botys thyasalis, Walker, loc. cit. xviii, p. 734, (1859).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 873.

Coptobasis thyadalis (sie), Leder., Wien. Ent. Monat. vii, p. 429, (1863).

Botys thiasalis, Walker, loc. cit. xix, p. 1007, (1859).

I. M., Andaman Islands (de Roepstorff and purchased).

Collection Swinhoe, Bombay, Poona, Karachi, Andaman Islands, Rangoon, Nilgiri Hills.

Also recorded from Ceylon.

4272. COPTOBASIS GEMEALIS.

Botys amealis, Walker, Cat. Lep. Het. B. M. xviii, p. 671, (1859). Collection Swinhoe, Sikkim,

4273. COPTOBASIS OPISALIS.

Desmia opisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 346, (1859).

Coptobasis opisalis, Walker, loc. cit. xxxiv, p. 1319, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867, and 1886, p. 458.

Collection Swinhoe, Mhow, Bhuji Coast, Poona, Bombay, Khandalla.

4274. COPTOBASIS QUADRIMACULALIS.

Botys quadrimaculalis, Bremer & Grey, Beitr. Zar. Schm. Fauna des Nordlichen China's 22, 3. * Desmia (??) quadrimaculalis, Walker, Cat. Lep. Het. B. M. xix, p. 934, (1859).

I. M., Kulu (Young). Collection Swinhoe, Darjiling. Also recorded from North China.

4275. COPTOBASIS TEXTALIS.

Coptobasis textalis Leder., Wien, Ent. Monat. vii, 482, pl. 16, fig. 9, (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1319, (1865).

India.

4276. COPTOBASIS TROPICALIS.

Botystropicalis, Walker, Cat. Lep. Het. B. M. xviii, p. 670, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Coptobasis tropicalis, Moore, Lep. Ceyl. iii, p. 293, pl. 181, fig. 9, (1885).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

Genus Ætholix.

4277. ÆTHOLIX FLAVIBASALIS.

I. M., Andaman Islands (purchased). Also recorded from Ceylon, Borneo.

Genus Bocchoris.

4218. Bocchoris inspersalis.

Botys inspersalis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handb. 1852, p. 33.*

Ædiodes inspersalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 434, (1863).

Bocchoris inspersalis, Moore, Lep. Ceyl. iii, p. 272, (1885).

Desmia afflictalis, Guén., Delt. et Pyral., p. 190, No. 125, pl. 5, fig. 4, (1854).

— Walker, Cat. Lep. Het. B. M. vii, p. 344, (1859).

Æ liodes bootanalis, Walker, loc. cit, xxxiv, p. 1298, (1865).

Ceylon, Bhotan, and Africa.

Genus Agrotora.

4279. AGROTERA EFFERTALIS.

4.280. AGROTERA FERRUGINATA.

Agrotera ferruginata, Moore, Descr. Ind. Lep. Atk., p. 209, (1887). Darjiling.

4281. AGROTERA (?) RUMINALIS.

Aorotera (?) ruminalis, Walker, Cat. Lep. Het. B. M., xvii, p. 387, (1859). North India.

Genus Agathodes.

42S2. AGATHODES OSTENTALIS.

Genus Terastia.

4283. Terastia diversalis.

Agathodes diversalis, Walker, Cat. Lep. Het. B. M., xxxiv, 1307, (1865). Terastia diversalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90. Collection Swinhoe, Darjiling.

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4284. TERASTIA PROCERALIS.

Terastia procesalis, Leder, Wien. Ent. Monat. vii, p. 480, No. 105, (1863).

Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India.

4285. Terastia subjectalis.

Terastia subjectulis, Leder, Wien. Ent. Monat. vii, p. 480, No. 106, (1863).

Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India, Philippine Isles.

Genus Leucinodes.

4286. LEUCINODES AUXIALIS.

Leucinodes auxialis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 458, pl. 41, fig. 12.

Collection Swinhoe, Mhow.

4287. LEUCINODES DISCISIONA.

Leucinodes discisiqua, Moore, Proc. Zool. Soc. Lond , 1883, p. 29. Darjiling.

4288. LEUCINODES MELANOPALIS.

4289. LEUCINODES OPALINA.

Leucinodes opalina, Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 10, (1885). 1. M., Ceylon (Colombo Museum).

4290. LEUCINODES ORBONALIS.

Leucinodes orbonalis,	Guén., Delt. et Pyral., p. 223, No. 187, (1854).
	· Walker, Cat. Lep. Het. B. M. xvii, p. 393, (1850)
	Leder., Pyral. Wien. Ent. Monat. vii, p. 440,
	(1863).
	- Moore, Proc. Zool. Soc. Lond , 1867, p. 90, and 1877,
	p. 615.
·	Swinhoe, Proc. Zool. Soc. Lond., 1884 p. 524, and
	1885, p. 868.
	Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 9, (1885).
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I. M., Sibsagar (Peal), Kulu (Young).

Collection Swinhoe, Bombay, Poona, Karachi, Larkana (Sind), Ceylon, Rangoon, Khasi Hills, Kulu, Sibsagar.

Also recorded from Java, Andaman Islands, South Africa.

4291. LEUCINODES SIGULALIS.

Leucinodes sigulalis, Guén., Delt. et Pyral., p. 223, No. 188, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 394, (1859);
and xix, p. 941, (1859).

India.

Genus Physomatia.

4292. PHYSEMATIA CONCORDALIS.

Physematia concordalis, Leder., Wien. Ent. Monat. vii, p. 447, pl. 17, fig.

14, (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331,
(1865).

Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Nicobar Islands.

Genus Dichocroscis.

4293. DICHOCROSCIS FRENATALIS.

Dichocroscis frenatalis, Leder., Wien. Ent. Monat. vii, p. 448, pl. 17, fig. 15, (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331, (1865).

Moore, Proc. Zool. Soc. Lond. 1877, p. 616.

Nicobar Islands.

Genus Megaphysa.

4294. MEGAPHYSA EGIALEALIS.

Megaphysa egialealis, Walker, Cat. Lep. Het. B. M. xvii, p. 383, (1859). I. M., Sikkim (purchased).

Genus Daraba.

4295. DARABA (?) VITELLIALIS.

Daraba (?) vitellialis, Walker, Cat. Lep. Het. B. M. xvii, p. 386, (1859). India.

Genus Eudorea.

4296. EUDOREA GRANITALIS.

Eudorea granitalis, Moore, Ann. Mag. Nat. Hist. (5), 1, 1878, p. 235.

2nd Yarkand Mission, Lep. 1879, p. 13, pl. 1, fig. 25.

Yarkand.

4297. EUDOREA LATIVITTA.

Eudorea lativitta, Moore, Proc. Zool. Soc. Lond., 1883, p. 29. Darjiling.

4298. EUDOREA TRANSVERSALIS.

Eudorea transversalis, Moore, Ann. Nat. Hist (5), 1, 1878, p. 235.

2nd Yarkand Mission, Lep., p. 14, (1879).

I. M., Yarkand (Moore's type).

Genus Patania.

4299. PATANIA CONCATENALIS.

Botys concatenalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1408, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Collection Swinhoe, Sikkim.

4300. PATANIA SEMIVIALIS.

Patania semivialis, Moore, Descr. Ind. Lep. Atk., p. 209, pl. 7, fig. 6, (1887).

Darjiling.

Allied to P. concatenalis.

FAMILY SPILOMELIDÆ.

Genus Salbia.

4301. SALBIA DIAGONALIS.

Salbia diagonalis, Guén., Delt. et Pyral., p. 201, No. 147, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 361, (1859).

I. M., Kulu (Young).

Collection Swinhoe, Sikkim, Kulu.

Also recorded from Java.

4302. SALBIA STRAMINALIS.

Sulbia straminalis, Guén., Delt. et Pyral., p. 200, No. 146, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 360, (1859).

Coromandel.

Genus Synclera.

4303. SYNCLERA BRAUREALIS.

Zebronia (?) braurealis, Walker, Cat. Lep. Het. B. M. xix, p. 971, (1859). Synclera braurealis, Moore, Lep. Ceyl. iii, p. 316, (1886).

Collection Swinhoe, Karachi.

Also recorded from Ceylon and Borneo.

4304. SYNCLERA CÆSALIS.

Glyphodes casalis, Walker, Cat. Lep. Het. B. M. xvii, p. 499, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Synclera casalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Lep. Ceyl. iii, p. 316, pl. 183, fig. 7, 2, (1886).

Andaman Islands, Darjiling, Ceylon.

4305. SINCLERA GASTRALIS.

Glyphodes gastralis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Darjeeling.

4306. SYNCLERA MULTILINEALIS.

Botys multilinealis, Guén., Delt. et Pyral, p. 337, No. 380, pl. 8, fig. 11, (1854).--- Walker, Cat. Lep. Het. B. M. xviii, p. 661, (1859). - Leder, Wien. Ent. Monat. vii, p. 375, pl. 11, fig. 3, (1863)- Moore, Proc. Zool, Soc. Lond. 1867, p. 96, and 1877, р. 619. Zebronia salomealis, Walker, loc. cit., xvii, p. 476, (1859) and xxxiv, p. 1348, (1865).

Swinboe, Proc. Zool. Soc. 1885, p. 870. Botys annuligeralis, Walker, loc. cit., xxxiv, p. 1424, (1865). Notarcha multilinealis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 312. Synclera multilinealis, Moore, Lep. Ceyl. iii, p. 315, (1886). I. M., Sibsagar (Peal), Mergui (Anderson), Sikkim, Khasi Hills, Collection Swinhoe, Khasi Hills, Sikkim, Cawnpore, Poona, Bombay, Khandalla. Also recorded from Ceylon and China.

4307. SYNCLERA TIBIALIS.

Synclera tibialis, Moore, Deser. Ind. Lep. Atk., p. 216, (1887). Darjiling. Allied to S. gastralis.

4308. SYNCLERA TRADUCALIS.

Eudioptis traducalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl. p. 54, (1852). *

Synclera traducalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1367, (1865).

Leder, Wien. Ent. Monat. vii, p. 444, (1863).

Moore, Proc. Zool. Sec. Lond., 1867, p. 93.

Lep. Ceyl. iii, p. 316, pl. 182, fig. 9, \$\foat\$, (1886).

Spilomela retinalis, Leder., Wien. Ent. Monat. i, p. 100, (1857).

Glyphodes univocalis, Walker, loc. cit., xvii, p. 499, (1859).

Eutler, Proc. Zool. Soc. Lond. 1881, p. 622.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; and 1885, p. 872.

I. M., Sikkim.

Collection Swinhoe, Karachi, Bombay, Sikkim. Also recorded from Syria and Africa.

Genus Aripana.

4309. Aripana æriferalis.

Conchylodes ariferalis, Moore, Proc. Zool. Soc. Lond. 1877. p. 618.

Andaman Islands.

Allied to A. lacliferalis.

4310. ARIPANA CABERALIS.

Spilomela caberalis, Guén., Delt. et Pyral., p. 284, (1854).

Zebronia cabiralis (sic), Walker, Cat. Lep. Het. B. M. xvii, p. 482, (1859). Conchylodes caboralis, Leder., Pyral. Wien. Ent. Monat. vii, p. 413, (1863).

Aripana caberalis, Moore, Lep. Ceyl. iii, p. 312, (1886).

Zebronia abdicalis, Walker, loc. cit., xvii, p. 480, (1859). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.

Conchylodes abdicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 413, pl. 17, fig. 12, (1863).

Collection Swinhoe, Bombay, Khandalla, Nilgiri Hills. Also recorded from Ceylon, Celebes, Java, and China,

4311. ARIPANA LACTIFERALIS.

Zebronia (?) lactiferalis, Walker, Cat. Lep. Het. B. M. xvii, p. 480, 1859. Aripana lactiferalis, Moove, Lep. Ceyl. iii, p. 313, (1886).

I. M., Kulu (Young), Ceylon (Colombo Museum), Collection Swinhoe, Solun, Kulu, Rangoon.

4312. ARIPANA MERITALIS.

Zebronia (?) meritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 479, (1859). Conchylodes meritalis, Meyrick, Trans. Eut. Soc. Lond., 1884, p. 310. Aripana meritalis, Moore, Lep. Cevl. iii, p. 313, (1886). Conchylodes baptalis, Snellen, Tijd. Voor. Eut. 1880, p. 238; and 1884, p. 44, pl. 4, fig. 7.

Ceylon and Celebes.

Genus Pycnarmon.

4313. Pycnarmon abranalis.

Zebronia abraxalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1349, (1865). Pycnarmon abraxalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91. Darjiling.

4314. Pycnarmon bistrigalis.

Zebronia bistrigalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1318, (1865). Pycnarmon bistrigalis, Moore, Proc. Zool. Sec. Lond. 1867, p. 92. Darjiling.

4315. Pycnarmon discerptalis.

Zebronia discerptalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1348. (1865).

Pycnarmon discerptalis, Moore, Proc. Zool. Soc. Loud. 1867, p. 92. Darjiling.

4316. Pycnarmon jaguaralis.

Spilomela jaguaralis, Guén., Delt. et Pyral. p. 283, No. 280. (1854). Zebronia jaguaralis, Walker, Cat. Lep. Het. B. M. xvii, p. 486, (1859). Pycnarmon jaguaralis, Walker, loc. cit. xxxiv, p. 1368. (1865).

Moore, Proc. Zool. Soc. Lond, 1867, p. 91.

I. M., Sikkim (Barnes), Sibsaghar (Peal).

Collection Swinhoe, Darjiling.

Also recorded from Malacca, Celebes, Mysore and New Guinea.

4317. PYCNARMON VIRGATALIS.

Pycnarmon virgatalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92, pl. 7, fig. 9, nec fig. 10.

Bengal.

4318. Pycnarmon-zebralis.

Pycnarmon zebralis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91, pl. 7, fig. 12.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus Haritala.

4319. HARITALA AUROBALIS.

Haritala auroralis, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 17, (1887).

Cherrapunji.

4320. HARITALA CASSUSALIS.

Zebronia cassusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 477, (1859).

Haritala cassusalis, Moore, Lep. Ceyl. iii, p. 311, (1886).

Notarcha cassusalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 311.

Zebronia aurolinealis, Walker, loc. cit. xvii, p. 478.

Butler, Proc. Zool. Soc. Lond. 1881, p. 622.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 870; and 1886, p. 458.

Pycnarmon aurolinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92. Botys faustalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 471, pl. 10; fig. 15, (1863).

I. M., Kulu (Young), Karachi (Swinhoe).

Collection Swinhoe, Khasi Hills, Campbellpur, Assirghar, Karachi, Bombay, Khandalla, Nilgiri Hills.

Also recorded from Amboina.

4321. HARITALA DISCINOTALIS.

Pycnarmon discinotalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 617. Andaman Islands. Allied to P. plutusalis.

4322. HARITALA GRAPHICALIS.

Zebronia graphicalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459. Collection Swinhoe, Mhow. Allied to H. obrinusalis.

4323. HARITALA (?) MINEUSALIS.

Zebronia (?) mineusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 481, (1859). India.

4324. HARITALA OBRINUSALIS.

Astura obrinusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 549, (1859). Pycnarmon obrinusalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617. Nicobar Islands, Punjab.

4325. HARITALA PLUTUSALIS.

Zebronia plutusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 478, (1859).

Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Pycnarmon plutusalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 92.

I. M., Sibsagar, Kulu (Young), Mergui (Anderson).

Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.

Also recorded from Upper Tenasserim.

4326. HARITALA RECURRENS.

Haritala recurrens, Moore, Descr., Ind. Lep. Atk., p. 215, pl. 7, fig. 11, (1887).

Darjiling.

4327. HARITALA TIGRINA.

Haritala tigrina, Moore, Lep. Ceyl. iii, p. 312, pl. 182, fig. 5, (1886). Collection Swinhoe, Rangoon.

Also recorded from Ceylon.

Allied to H. plutusalis.

Genus Chabula.

4328. CHABULA ACAMASALIS.

I. M., Sibsagar.
Collection Swinhoe, Mhow, Poona, Rangoon.
Also recorded from Celebes and Java.

Genus Nausinoe.

4329. NAUSINÖE NEPTIS.

Phalena (Noctua) neptis, Cram., Pap. Exot. iii, pl. 264, fig. F,(1779). Phalangodes neptis, Leder, Pyral. Wien. Ent. Monat. vii, p. 445, (1863). Nausinöe neptis, Moore, Lep. Ceyl. iii, p. 310, (1886). Phalangiodes neptis (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 295. Nausinöe neptalis, Hübn., Verz. Bek. Schm., p. 363, No. 3466, (1816). Phalangiodes neptisalis, Guén., Delt. et Pyral, p. 279, No. 272, (1854).

NAUSINGE NEPTIS-continued.

Phalangiodes neptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 467, (1859).

Moore, Proc. Zool. Soc. Lond., 1877, p. 617.
— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 870.

- Snellen, Tijd. Voor. Ent. 1884, p. 46.

 M., Mergui (Anderson), Andaman Islands (purchased), Sibsagar, Naga Hills.

Collection Swinhoe, Bombay, Poona, Rangoon.

Also recorded from Ceylon, Canada, Australia, Cayenne, Surinam, Brazil.

Genus Pagyda.

4330. PAGYDA SALVALIS.

Pagyda salealis, Walker, Cat. Lep. Het. B. M. xvii, p. 487, (1859).

Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 6, (1886).

Collection Swinhoe, Khandalla.

Also recorded from Ceylon.

Genus Cangetta.

4331. CANGETTA RECTILINEA.

Cangetta rectilinea, Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 8, (1886). Ceylon,

Genus Massepha.

4332. Massepha absolutalis.

Massepha absolutalis, Walker, Cat. Lep. Het. B. M. xvii, p. 489, (1859).

Moore, Lep. Ceyl. iii, p. 307, (1886).

Ceylon.

FAMILY ENNYCHIDÆ.

Genus Pachyzancia.

4333. PACHYZANCIA BASALIS.

Botys basalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1404, (1865). Pachyzancla basalis, Moore, Lep. Ceyl. iii, p. 280, (1885). Botys apertalis, Walk., loc. cit., xxxiv, p. 1450, (1865). Ceylon.

4334. PACHYZANCIA MUTUALIS.

Botys mutualis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handl., 1852, p. 40.*

Snellen, Tijd. Voor. Ent., 1883, p. 129.

Pachyzancla mutualis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 315.

Moore, Lep. Ceyl. iii, p. 279, pl. 178, fig. 15, \$\varphi\$, (1885).

Botys stultalis, Walker, Cat. Lep. Het. B. M., xviii, p. 669, (1859).

Moore, Proc. Zool. Soc. Loud. 1877, p. 619.

Pyrausta stultalis, Swinhoe, Proc. Zool. Soc. Loud. 1885, p. 867; and 1886, p. 457.

PACHYZANCIA MUTUALIS—continued. Botys agrotalis, Snellen (nec Zeller), Tijd. Voor. Ent. 1872, p. 90, pl. 7, fig. 8. Midd., Sumat. iv, 1, p. 63, (1881). I. M., Bombay (Swinhoe), Kulu (Young). Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Calcutta, Rangoon, Andaman Islands. Also recorded from Celebes and Sumatra-Genus Pyrausta. 4335. Pyrausta cuprealis. Pyrausta cuprealis, Moore, Ann. Mag. Nat. Hist. (5) 1, 1878, p. 235. – 2nd Yarkand Mission, Lep., 1879, p. 13, pl. 1, fig. 26. Cashmere. I. M., Kulu (Young), Sikkim (Dreyer). 4336. Pyrausta ostrinalis. Pyralis ostrinalis, Hübn., Pyral., pl. 17, fig. 113, (1797).* Haw., Lep. Brit., 389.* Pyralis puniccalis, Haw., Lep. Brit., 389.* Pyralis purpuralis, (?) Hübn., Pyral., fig. 35, (1797).* Pyrausta punicealis, Steph., Ill. Brit. Haust. 35, iv.* Pyrausta ostrinalis, Dup., Lep. 226. pl. 224, fig. 8.* Steph., Ill. Brit. Haust. iv, 36, 5.* - Herr. Schiff., Eur. Schm. iv, 22, 50, pl. 15, fig. 107, 108.* — Guén., Delt. et Pyral, p. 167, No. 81, (1854). — Walker, Cat. Lep. Het. B. M. xvii, 310, (1859). - Butler, Ann. Nat. Hist. (5) 9, p. 210, (1882). — Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353. Kandahar, Europe. 4337. Pyrausta silhetalis. Pyrausta silhetalis, Guén., Delt. et Pyral., p. 166, No. 78, (1854). - Walker, Cat. Lep. Het. B. M., xvii, p. 311. (1859). - Moore, Proc. Zool. Soc. Lond. 1867, p. 89. - Warren, Proc. Zool. Soc. Lond. 1888, p. 333. Botys silhetalis, Leder., Wien. Ent. Monat. vii, p. 364, (1863). Botys pangialis, Felder & R. Reise, Nov., pl. 134, fig. 25, (1864-75). Sylhet, Campbellpur (Punjab), Pangi. Genus Polecyntis. 4338. Pelecyntis absistalis. Pyrausta absistalis, Walker, Cat. Lep. Het. B. M. xvii, p. 311, (1859). Pelecyntis absistalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 316. - Moore, Lep. Ceyl. iii, p. 270, (1885). Asopia lydialis, Walker, loc. cit., xvii, p. 374, (1859). Botys ustalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 375, 471, pl. x, fig. 14, (1863). Hedylepta ustalis, Snellen, Tijd. Voor. Ent., 1884, p. 37. Hedylepta pyraustalis, Snellen, Midd. Sumatra Lep., p. 71, (1880). Collection Swinhoe, Ceylon, Rangoon, Andaman Islands. Also recorded from India, Java, Sumatra, and Celebes.

4339. PELECYNTIS AMYNTUSALIS.

Botys amyntusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 662, (1859).

Moore, Proc. Zeol. Soc. Loud. 1867, p. 96.

Zebronia amyntusalis, Swinhoe, Proc. Zool. Soc. Loud. 1885, p. 870. Pelecyntis amyntusalis, Moore, Lep. Ce, l. iii, p. 270, pl. 178, fig. 12, 3, (1885).

Asopia critheisalis, Walker, loc. cit., xix, p. 939, (1859).

Botys semizebralis, Walker, loc. cit., xxxiv, p. 1407, (1865).

Collection Swinhoe, Bombay, Khandalla, Rangoon, Andaman Islands.

Also recorded from Darjiling and Ceylon.

4340. Pelecentis distorta.

Pelecyntis distorta, Moore, Lep. Ceyl. iii, p. 270, pl. 180, fig. 7, (1885).

I. M., Sikkim (purchased).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

Genus Hedylepta.

4341. HEDYLEPTA ABRUPTALIS.

Asopia (?) abruptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 371, (1859). Botys abruptalis, Felder & R. Reise, Novara, pl. 135, fig. 10, (1874).

Meyrick, Trans. Ent. Soc. Lond. 1884, p. 323.

Hedylepta abruptalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 14, \$\chi\$, (1885).

Pyrausta abruptalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867.

Asopia dotatulis, Walker, loc. cit., xxxiv, p. 1305, (1865).

I. M., Calcutta, Kulu (Young).

Collection Swinhoe, Bombay, Poona, Karachi, Khandalla, Solun, Nilgiri Hills, Andaman Islands, Rangoon.

Also recorded from Ceylon.

4342. Hedylepta contubernalis.

Hedylepta contubernalis, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Parisnath, Bengal.

Allied to H. abruptalis.

4343. HEDYLEPTA FALSIDICALIS.

Asopia fulsidicalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859). Hedylepta fulsidicalis, Moore, Lep. Ceyl. iii, p. 277, (1885). Bolys jucundalis, Leder., Pyral. Wien. Ent. Mouat. vii, p. 370, pl. 8, fig. 17, (1863).

Collection Swinhoe, Ceylon.

4344. HEDYLEPTA GEMELLA.

Hedylepta gemella, Moore, Descr. Ind. Lep. Atk., p. 208, (1887). Calcutta.

4345. HEDYLEPTA ILLECTALIS.

Botys illectalis, Walker, Cat. Lep. Het. B. M. xviii, p. 658, (1859). Hedylepta illectalis, Moore, Lep. Ceyl. iii, p. 277, (1885). Ebulea opheltesalis, Walker, loc. cit., xix, p. 1010, (1859). India, Ceylon.

4346. HEDYLEPTA LATIMARGINALIS.

Asopia latimarginalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1865, p. 868.

Hedylepta latimarginalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 16, (1885).

Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Ceylon, Nilgiri Hills, Calcutta.

4347. HEDYLEPTA (?) NIOBESALIS.

Asopia (?) niobesalis, Walker, Cat. Lep. Het. B. M. xix, p. 939, (1859). Hedylepta (?) niobesalis, Moore, Lep. Ceyl. iii, p. 278, (1885). Ceylon.

4348. HEDYLEPTA STRAMINEA.

Hedylepta straminea, Moore, Lep. Ceyl. iii, p. 278, pl. 180, fig. 5, (1885). I. M., Calcutta, Ranchi (Irvine). Collection Swinhoe, Bombay. Also recorded from Ceylon.

4349. HEDYLEPTA VULGALIS.

Asopia vulgalis, Guén, Delt. et Pyral., p. 202, No. 150, pl. 6, fig. 8, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 364, (1859).

Hedylepta vulgalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 409, (1863).

Walker, loc. cit., xxxiv, p. 1322, (1865).

Moore, Lep. Ceyl. iii, p. 276, (1885).

Botys mælinsalis, Walker, loc. cit., xviii, p. 703, (1859).

Botys reductalis, Walker, loc. cit., xxxiv, p. 1412, (1865).

Collection Swinhoc, Rangoon, Sikkim.

Also recorded from South America, West Indies, Africa, and Ceylon.

Genus Syllythra.

4350. SYLLYTHRA BICOLOR.

Syllythra bicolor, Moore, Descr. Ind. Lep. Atk., p. 207, (1887). Assam, Calcutta.

4351. SYLLYTHRIA IMBUTALIS.

Rhodaria imbutalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1283, (1865). Syllythria imbutalis, Moore, Lep. Ceyl. iii, p. 268, pl. 178, fig. 9, (1886). I. M., Ceylon (Colombo Museum).

Genus Rhodaria.

4352. RHODARIA ARIDA.

Rhodaria arida, Butler, Proc. Zool. Soc. Lond., 1881, p. 621. Collection Swinhoe, Karachi.

4353. RHODARIA CONCATENALIS.

Rhodaria concatenalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1284, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

Darjiling.

4354. Rhodaria juncturalis.

Rhodaria juncturalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1283, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 457.

Collection Swinhoe, Mhow, Karachi.

Genus Cotachena.

4355. COTACHENA HISTRICALIS.

Botys histricalis, Walker, Cat. Lep. Het. B. M. xviii, p. 655, (1859). Cotachena histricalis, Moore, Lep. Ceyl. iii, p. 276, (1885). Ceylon, China.

Genus Nacoleia.

4356. NACOLEIA CONTINGENS.

Nacoleia contingens, Moore, Lep. Ceyl. iii, p. 273, pl. 179, fig. 8, &, (1885). Ceylon.

4357. NACOLEIA COSTISIGNALIS.

Nacolcia costisignalis, Morre, Lep. Ceyl. iii, p. 273, (1885). Ceylon.

4358. NACOLEIA PRÆTERITALIS.

Asopia (?) præteritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 372, (1859). Nacoleia præteritalis, Moore, Lep. Ceyl. iii, p. 273, (1885). Ceylon.

4359. NACOLEIA TIASALIS.

Botys tiasalis, Walker, Cat. Lep. Het. B. M. xix, p. 994, (1859). Nacolcia tiasalis, Moore, Lep. Ceyl. iii, p. 274, (1885). Ceylon.

Genus Gadessa.

4360. GADESSA ALBIFRONS.

Gadessa albifrons, Moore, Lep. Ceyl. iii, p. 279, pl. 180, fig. 6, (1885). Ceylon.

Genus Porphyritis.

4361. Porphyritis sikkima.

Porphyritis sikkima, Moore, Descr. Ind. Lep. Atk., p. 207, (1887). Darjiling.

FAMILY HERCYNIDÆ.

Genus Aporodes.

4362. Aporodes meleagrisalis.

Genus Horbula.

4363. HERBULA CESPITALIS.

Also recorded from the Punjab.

Pyralis ccspitalis, Denis, Wien. Verz. 123, 32, (1775).* - Brahm., Ins. 280. - Schr., Faun. Boic. 1725.* – Hübn., Pyral. pl. 6, fig. 39.* - Haw., Lep. Brit. 390.* Phalana cespitalis, Fabr., Mant. Ins. ii, p. 222, No. 314, (1787). - Ent. Syst. iii, 2, p. 238, No. 410, (1794). Botys cespitalis. Herr Schaff., Eur. Schm. iv; 23, 53.* Herbula cespitalis, Guén., Delt. et Pyral., p. 176, No. 98, (1854). Walker, Cat. Lep. Het. B. M. xvii, p. 321, (1859).
Butler, Ann. Nat. Hist. (5) ix, p. 210, (1882). - Warren, Proc. Zool. Soc. Lond. 1888, p. 334. Phalana (Pyralis) cespitalis, Gmel., ed. Syst. Nat. i, 5, 2525, 951.* Tortrix zonana, Schäff., Icon., pl. 262, fig. 4, 5, (1779).* Pyrausta cespitalis, Treit., Schm. vii, 173.* - Dup., Lep. 232, pl. 225, fig. 3. -- Steph., Ill. Brit. Haust. iv, 34, 1.* Var. Pyrausta intermedialis, Dup., Lep. 350, pl. 234, figs. 1, 2.* Collection Swinhoe, Kandahar. Also recorded from Europe and the Punjab.

Genus Æschremon.

4364. ÆSCHREMON DISPARALIS.

FAMILY STENIIDÆ.

Genus Nistra.

4365. NISTRA CÆLATALIS.

Nistra cælatalis, Walker, Cat. xvii, p. 488, (1859).

Moore, Lep. Ceyl. iii, p. 295, pl. 182, fig. 10, (1885).
Ceylon.

4366. NISTRA (?) MOLUSALIS.

Genus Spanista.

Asopia ornatalis, Dup., Lep. Fr. viii, p. 207, pl. 223, fig. 8, (1831).

4367. SPANISTA ORNATALIS.

Also recorded from Ceylon.

Collection Swinhoe, Karachi, Poona, Bombay, Alibagh, Ceylon, Nilgiri Hills.

Also recorded from Celebes.

Genus Diasemia.

4368. DIASEMIA IMPULSALIS.

Isopteryx (?) impulsalis, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859). Diasemia impulsalis, Moore, Lep. Ceyl. iii, p. 297, (1885). Ceylon.

4369. Diasemia ramburialis.

Hydrocampa ramburialis, Dup., Lep. Fr. viii, pt. 2, p. 343, pl. 233, fig. 6, (1831).*Cat. Meth. Lep. Eur., p. 202, (1844).* Botys rumburialis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl., (1852), p. 30.* - Her Schaff., Eur. Schm. iv, p. 26, 23. Diasemia ramburialis, Guén., Delt. et Pyral., p. 234, (1854). - Snellen, Tijd. Voor Ent., 1884, p. 38. - Meyrick, Trans. Ent. Soc. Lond. 1884, p. 302. Moore, Lep. Ceyl. iii, p. 296, pl. 179, fig. 5, (1885). Isopteryx melaleucalis, Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859). Diasemia reconditalis, Walker, loc. cit., xxxiv, p. 1325, (1865). Diasemia leucophaulis, Walker, loc. cit., xxxiv, p. 1326, (1865). Ceylon and Australia.

Genus Lepyrodes.

4370. LEPYRODES GEOMETRALIS.

Lepyrodes geometralis, Guón., Delt. et Pyral., p. 278, No. 271, pl. 8, fig. 6, (1854). - Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859). · Snellen, Tijd. Voor Ent., 1884, p. 45. Moore, Proc. Zool. Soc. Lond. 1867, p. 91. –, Lep. Ceyl. iii, p. 308, (1886). Diasemia (?) geometralis, Butler, Proc. Zool. Soc. Lond., 1881, p. 622.

- Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 875; and 1886, p. 460.

Collection Swinhoe, Karachi, Assirghar, Bombay, Poona, Calcutta, Rangoon, Nilgiri Hills.

Also recorded from Ceylon and Java.

4371. LEPYRODES LEPIDALIS.

Lepyrodes (?) lepidalis, Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859). - Moore, Proc. Zool. Soc. Lond, 1867, p. 91. Ceylon, Bengal.

Genus Pessocosma.

4372. Pessocosma peritalis.

Lepyrodes peritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 466, (1859). Pessocosma peritalis, Moore, Lep. Ceyl. iii, p. 309, (1886). Ceylon.

FAMILY SICULIDÆ.

Genus Rhodoneura.

4373. Rhodoneura denticulosa.

Rhodoneura denticulosa, Moore, Lep. Ceyl, iii, p. 267, (1885). Ceylon.

Allied to R. marmorealis.

4374. RHODONEURA MARMOREALIS.

Rhodoneura marmorealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617. Andaman Islands.

4375. RHODONEURA NÆVINA.

Rhodoneura nævina, Moore, Descr. Ind. Lep. Atk., p. 212, (1887). Darjiling.

4376. RHODONEURA RETICULALIS.

Rhodoneura reticulalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616. Andaman Islands.

4377. RHODONEURA TETRAONALIS.

Rhodoneura tetraonalis, Moore, Proc. Zool Soc. Lond., 1877, p. 617, pl. 60, fig. 10.

Collection Swinhoe, Rangoon.

Also recorded from Andaman Islands.

Allied to R. puralis and R. bastialis, Walker.

Genus Pharambara.

4378. PHARAMBARA ALTERNATA.

Pharambara alternata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887). Darjiling.

4379. PHARAMBARA EMBLICALIS.

Pharambara emblicalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887). Calcutta.

4380. Pharambara Ramifera.

Pharambara hamifera, Moore, Descr. Ind. Lep. Atk., p. 213, (1887). Calcutta, Assam.

4381. PHARAMBARA INTIMALIS.

Pharambara intimalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887). Calcutta.

4382. PHARAMBARA RETICULATA.

Pharambara reticulata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887). Darjiling.

Genus Microsca.

4383. MICROSCA FASCIATA.

Microsca fasciata, Moore, Descr. Ind. Lep. Atk., p. 213, pl. 7, fig. 22, (1887).

Darjiling.

4384. MICROSCA LOBULATA.

M icrosca lobulata, Moore, Descr. Ind. Lep. Atk., p. 214, pl. 7, fig. 12, (1887).

Darjiling.

4385. MICROSCA STRIATALIS.

Microsca striatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875. Collection Swinhoe, Bombay, Nilgiri Hills.

4386. MICROSCA TRIMERONALIS.

Pyralis (?) trimeronalis, Walker, Cat. Lep. Het. B. M. xix, p. 916, (1859), Microsca trimeronalis, Moore, Lep. Ceyl. iii, p. 268, (1885). Ceylon.

Genus Morova.

4387. MOROVA ANGULALIS.

Morova angulalis, Moore, Descr. Ind. Lep. Atk., p. 214, (1887). Rangoon.

Genus Camadona.

4388. CAMADENA VESPERTILIONIS.

Camadena vespertilionis, Moore, Descr. Ind. Lep. Atk. p. 214, pl. 7, fig. 13, (1887).

Darjiling.

FAMILY HYDROCAMPIDÆ.

Genus Cymoriza.

4389. Cymoriza Acclaralis.

Isopteryx acclaratis, Walker, Cat. Lep. Het. B. M. xvii, p. 403, (1859). Cymoriza acclaratis, Moore, Lep. Ceyl. iii, p. 303, (1885). Ceylon.

4390. CYMORIZA INEXTRICATA.

Cymoriza inextricata, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 7, (1887).

Khasi Hills.

4391. Cymoriza irrectalis.

Cymoriza irrectalis, Guén., Delt. et Pyral., p. 272, No. 262, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 455, (1859).
India.

4392. CYMORIZA LINEALIS.

Cymoriza linealis, Moore, Descr. Ind. Lep. Atk., p. 210, (1887). Assam, Calcutta.

4393. CYMORIZA MARGINALIS.

Cymoriza marginalis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887). Darjiling.

4394. Cymoriza poritialis.

Oligostigma poritialis, Walker, Cat. Lep. Het. B. M. xix, p. 951, (1859). Cymoriza poritialis, Moore, Lep. Ceyl. iii, p. 303, pl. 179, fig. 11, (1885). Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

4395. CYMORIZA RIVULARIS.

Cymoriza rivularis, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 8, (1887).

Darjiling.

Genus Paraponyx.

4396. PARAPONYX AFFINIALIS.

Paraponyx affinialis,	Guén., Delt. ct Pyral., p. 270, No. 259, (1854).
	Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).
	Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
	Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885
	p. 868; and 1886, p. 458.
Collection Swinhoo	e, Sikkim, Karachi, Mhow, Poona, Bombay.

4397. PARAPONYX CRISONALIS.

Hydrocampa crisonalis, Walker, Cat. Lep. Het. B. M. xix, p. 961, (1859). Paraponyx crisonalis, Moore, Lep. Ceyl. iii, p. 302, (1885). Ceylon.

4398. PARAPONYX GANGETICALIS.

Paraponyx gangeticalis	Leder.,	Wien. Ent.	Mona	ł. vii,	485, pl.	18,	fig. 5
	- Walker	(1863). , Cat. Lep.	Het.	B. M	. xxxiv,	p.	1339
India.		(1865).)				

4399. PARAPONYX LINEALIS.

Paraponyx linealis, Guén., Delt. et Pyral., p. 271, No. 260, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).

Moore, Lep. Ceyl. iii, p. 302, (1885).

Oligostigma obitalis, Walker, loc. cit., xvii, p. 432, (1859).

Collection Swinhoe, Ceylon.

Also recorded from India and Australia.

4400. PARAPONYX ORYZALIS.

Paraponyx oryzalis, Wood-Mason, Rice Pest of Burma, Calcutta, 1885, with plate.

Burma.

4401. PARAPONYX VAGALIS.

Oligostigma vagalis, Walker, Cat. Lep. Het. B. B. xxxiv, p. 1530, (1865). Paraponyx vagalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 334. Punjab, Java.

4402. PARAPONYX VOTALIS.

Oligostigma votalis, Walker, Cat. Lep. Het. B. M. xvii, p. 433, (1859). Paraponyx votalis, Moore, Lep. Ceyl. iii, p. 302, (1885). Collection Swinhoe, Ceylon, Nilgiri Hills, Rangoon.

Genus Niaccaba.

4403. NIACCABA BISECTALIS.

Cataclysta (?) bisectalis, Walker, Cat. Lep. Het. B. M., xvii, p. 449, (1859). Paraponyx (?) bisectalis, Walker, loc. cit., xix, p. 951, (1859). Niaccaba bisectalis, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 12, (1885). Ceylon.

4404. NIACCABA DELETA.

Niaccaba deleta, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 13, (1885). Ceylon.

4405. NIACCABA SUMPTUALIS.

Moore, Lep. Ceyl. iii, p. 303, (1885).

Ceylon.

Genus Oligostigma.

4406. OLIGOSTIGMA BILINEALIS.

Oligostigma bilinealis, Snellen, Tijd. Ent. xix, 1876, p. 196, pl. 8, fig. Punjab.

4407. OLIGOSTIGMA COLONIALIS.

Oligostigma colonialis, Guén., Delt. et Pyral, p. 262, No. 248, (1854).

Walker, Cat. Lep. Het. B. M., xvii, p. 431, (1859).

— Snellen, Tijd. Ent. xix, 1876, p. 198, pl. 8, figs. 3a—d.

Bombay.

4408. OLIGOSTIGMA CRASSICORNALIS.

Oligostigma crassicornalis, Guén., Delt. et Pyral, p. 261, No. 246, (1854).

Walker, Cat. Lep. Het. B. M., xvii, p. 433, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 90. Hydrocampa crassicornalis, Leder., Wien. Ent. Monat. vii, p. 451, (1863). Oligostigma tripunctalis, Walker, loc. cit. xxxiv, p. 1531, (1885). Bengal and Java.

4409. OLIGOSTIGMA GIBBOSALIS.

India, Celebes, Java.

4410. OLIGOSTIGMA HAMALIS.

Oligostigma hamalis, Snellen, Tijd. Ent. xix, 1876, p. 199, pl. 8, figs. 4a-c. Punjab.

4411. OLIGOSTIGMA INCOMMODA.

Oligostigma incommoda, Butler, Proc. Zool. Soc. Lond., 1881, p. 180.

Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 524.

Karachi, Socotra.

4412. OLIGOSTIGMA PARVALIS.

Oligostigma parvalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616. Andaman Islands.

4413. OLIGOSTIGMA SEJUNCTALIS.

Oligostigma sejunctalis, Snellen, Tijd. Ent. xix, 1876, p. 207, pl. 9, figs. 11

a-c.

Punjab.

Genus Talanga.

4414. TALANGA SEXPUNCTALIS.

Oligortigma sexpunctalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616, pl. 60, fig. 12.

Glyphodes lomaspilalis, Snellen, Tijd. Voor. Ent., 1880, p. 223. Catzelysta nympha, Butler, Proc. Zool. Soc. Lond., 1880, p. 683, 3. Talanga sexpunctata (sic), Moore, Lep. Ceyl. iii, p. 301, pl. 181, fig. 13, (1885).

Andaman Islands, Ceylon, and Celebes.

Genus Cataclysta.

4415. CATACLYSTA ANGULATA.

Cataclysta angulata, Moore, Lep. Ceyl. iii, p. 300, pl. 181, fig. 12, (1885). Ceylon.

4416. CATACLYSTA BLANDIALIS.

4417. CATACLYSTA BOMBAYENSIS.

Cataclysta dilucidalis, Walker (nec Boisdaval), Cat. Lep. Het. B. M. xvii, p. 446, (1859).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 868.

Collection Swinhoe, Bombay.

Allied to C. dilucidalis from Java.

4418. CATACLYSTA CUNEIFERA.

Cataclysta cuncifera, Moore, Lep. Ceyl. iii, p. 300, pl. 179, fig. 14, (1885). Collection Swinhoe, Ceylon, Nilgiri Hills.

4419. CATACLYSTA DELICATA.

Cataclysta delicata, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 5, 8, (1887). Ceylon.

4420. CATACLYSTA DOMINALIS.

Cataclysta dominalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1337, (1865). South India.

4421. CATACLYSTA HALIALIS,

Cataclysta halialis, Walker, Cat. Lep. Het. B. M. xvii, p. 447.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.

Collection Swinhoe, Poona, Khandalla.

4422. CATACLYSTA MAGNIFICALIS.

4423. CATACLYSTA OCHRIPICTA.

Cataclysta ochripicta, Moore, Descr. Ind. Lep. Atk., p. 209, (1887). Collection Swinhoe, Kirkee (Poona).

Also recorded from Cherrapunji.

4424. CATACLYSTA ORNATA.

Cataclysta ornata, Moore, Lep. Ceyl. iii, p. 299, pl. 181, fig. 11, (1885). Ceylon.

4425. CATACLYSTA PATNALIS.

Cataclysta patnalis, Felder & R. Reise, Novara, pl. 136, fig. 7, \$, (1874). Calcutta, Amboina.

4426. CATACLYSTA PERIBOCALIS.

Cataclysta peribocalis, Walker, Cat. Lep. Het. B. M. xvii, p. 446, (1859). Collection Swinhoe, Sikkim, Solun, Nilgiri Hills.

Genus Herdonia.

4427. HERDONIA OSACESALIS.

Herdonia osacesalis, Walker, Cat. Lep. Het. B. M. xix. p. 964, (1859).

Felder & R. Reise, Novara, pl. 134, fig. 4, (1874).

Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

Sylhet.

Genus Hydrocampa.

4428. HYDROCAMPA BENGALENSIS.

Hydrocampa bengalensis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887). Calcutta.

4429. HYDROCAMPA PICALIS.

Hydrocampa picalis, Guén., Delt. et Pyral., p. 274, No. 264, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).
India.

4430. HYDROCAMPA PULCHRALIS.

Hydrocampa pulchralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90. Collection Swinhoe, Darjiling.

4431. HYDROCAMPA SCITALIS.

Hydrocampa scitalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 869. Collection Swinhoe, Bombay.

4432. HYDROCAMPA TENERA.

Hydrocampa tenera, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524, and 1885, p. 869.

Collection Swinhoe, Karachi, Pooua. Allied to H. rivularis.

Genus Isopteryx.

4433. ISOPTERYX ENIXALIS.

Isopteryx eniralis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869. Collection Swinhoe, Bombay.

4434. ISOPTERYX FEDALIS.

Isopteryx fadalis, Guén., Delt. et Pyral., p. 228, No. 195, pl. 4, fig. 7, 2
(1854).
Snellen, Tijd. Voor. Ent. 1872, p. 96; and 1884, p. 47.
Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859).
Moore, Lep. Ceyl. iii, 306, (1886).
Isopteryx spilomelulis, Walker, loc. cit. xvii, p. 403, (1859).
India, Ceylon.

4135. ISOPTERYX TRISIGNATA.

Isopteryx trisignata, Moore, Lep. Ceyl. iii, p. 306, (1886). Ceylon.

Genus Eurrhyparodes.

4436. EURRHYPARODES ABNEGATALIS.

Isopteryx (!) abnegatalis, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859).

Botys abnegatalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 376, pl. 11, fig. 17, (1863).

Eurrhyparodes abnegatalis, Moore, Lep. Ceyl. iii, p. 295, pl. 179, fig. 7, (1885).

Botys bracteolalis, Zeller, Lep. Microp. Calfr. Kongl. Vet. Akad. Handl., 1852, p. 30*.

Molybdantha bracteolalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 309.

Collection Swinhoe, Ceylon, Calcutta.

Also recorded from Australia.

4137. EURRHYPARODES ACCESSALIS.

Isopteryx accessalis, Walker, Cat. Lep. Het. B. M. xvii., p. 405, (1859).

Eurrhyparodes accessalis, Moore, Lep. Ceyl. iii, p. 294, pl. 179, fig. 6, (1885).

Eurrhyparodes stibialis, Snellen, Tijd. Voor. Ent. 1880, p. 216, and 1883, p. 134, pl. 8, fig. 3, \$\varphi\$.

Ceylon, Java, Celebes, and Japan.

Genus Pramadea.

4438. PRAMADEA DENTICULATA.

Pramadea denticulata, Moore, Descr. Ind. Lep. Atk., p. 211, (1887). Khasi Hills.

FAMILY PYRALIDÆ.

Genus Pyralis.

4439. Pyralis acaciusalis.

Pyralis acaciusalis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859). India.

4440. Pyralis angulifascia.

Pyralis angulifascia, Moore, Descr. Ind. Lep. Atk., p. 206, (1887). Darjiling.

4441. Pyralis assamica.

Pyralis assamica, Moore, Descr. Ind. Lep. Atk., p. 205, pl. 7, fig. 5, (1887).

Assam.

4442. Pyralis bastialis.

Pyralis bastialis, Walker, Cat. Lep. Het. B. M. xix, p. 902, (1859). India.

4143. Pyralis Bractiatella.

Myelois bractiatella, Walker, Cat. Lep. Het. B. M., xxvii, p. 36, (1863).

Pyralis bractiatella, Moore, Lep. Ceyl. iii, p. 262, pl. 178, fig. 5, 2, (1885).

Warren, Proc. Zool. Soc. Lond. 1888, p. 332.

I. M., Ceylon (Colombo Museum).

Also recorded from the Punjab.

4444. Pyralis elachia.

Pyralis elachia, Butler, Ill. Typ. Lep. Het. B. M., iii, p. 70, pl. 58, fig. 3, (1879).

Proc. Zool. Soc. Lond. 1883, p. 166, and 1886, p. 383

I. M., Ceylon (Colombo Museum), Kulu (Young).
 Collection Swinhoe, Solun, Campbellpur.
 Also recorded from Japan.

4445. Pyralis elongalis.

Pyralis elongalis, Koll., Hüg. Kaschm., p. 493, (1848).

Pyralis mensalis, Guén., Delt. et Pyral., p. 120, No. 8, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 267, (1859).

Mussoorie.

4446. Pyralis farinalis.

Phalana (Pyralis) farinalis, Linn., Syst. Nat. ii, 880, 327, (1767).
Scop., Ent. Carn., 240, 608,*
Phalana farinalis, Fabr., Sp. Ins. ii, p. 270, No. 169, (1781).
Mant. Ins. ii, p. 216, No. 264, (1787).
Ent. Syst. iii, 2, p. 219, No. 336, (1794).
Brahm., Ins. 521.*
Schr., Faun. Boic. ii, 68, 1730.*
Phalana pyralis, Fuessl., Schm. Ins. 41, 808.*
Hypsopygia farinalis, Hübn., Verz. Bek. Schm. p. 348, No. 3335, (1816).
Asopia farinalis, Treit., Schu. vii, 147, 1.*
Zeller, Stett. Ent. Zeit. iv, p. 140, (1843).
View America Empiricalia Horn Colon C. France Colon in 191 Co. 10 %
Var. Asopia lienigialis, Herr Schaff, Eur. Schm. iv, 121, fig. 49.*
Pyralis farinalis, Hubn., Pyral., pl. 15, fig. 95.*
Brahm., Ins. ii, 1, 151, 380.*
Panz., Faun. Germ. X, 21.*
Illig., N. Auss. ii, 26, p. 33.*
Mull., Faun. Frid., 54, 478.*
Zool. Dan. 132, 1530.*
———— Dup., Lep. 193, pt. 223, f.g. 1.*
Steph, Ill. Brit. Haust. iv, 25, 1.*
Luc., Exol. Alg. 149.*
Guén., Delt. et Pyral, p. 119, No. 6, (1854).
Walker, Cat. Lep. Het. B. M., xvii, p. 262, (1859).
Butler, Ann. Nat. Hist. (5) ix, p. 210, (1832).
Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353.
Collection Swinhoe, Kandahar.
Also recorded from Europe.

4447. Pyralis gerontesalis.

Pyralis gerontesalis, Walker, Cat. Lep. Het. B. M., xix, p. 896, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, and 1885, p. 864.

Moore, Lep. Ceyl. iii, p. 263, pl. 178, fig. 6, \$\mathbb{2}\$, (1885).

Sacatia landatella, Walker, loc. cit., xxvii, p. 124, \$\mathstree{\state}\$, (1863).

Pyralis despectalis, Walker, loc. cit., xxxiv, p. 1243, (1865).

Pyralis (?) miseralis, Walker, loc. cit., xxxiv, p. 1244, (1865).

Collection Swinhoe, Darjiling, Karachi, Bombay, Poona.

Also recorded from Ceylon.

4448. Pyralis ibycusalis.

Pyralis ibycusalis, Walker, Cat. Lep. Het. B. M., xix, p. 899, (1859). India.

4449. Pyralis (?) IDALIALIS.

Pyralis (?) idalialis, Walker, Cat. Lep. Het. B. M. xix, p. 903, (1859). Borneo, Ceylon.

4450. Pyralis imbecilis.

Pyralis imbecilis, Moore, Lep. Ceyl. iii, p. 264, (1885).

Cevlon.

Allied to P. glaucinalis (Linn.) of Europe.

4451. Pyralis incongrua.

Pyralis incongrua, Butler, Proc. Zool. Soc. Lond. 1886, p. 383, pl. 35, fig. 5.

Kala Pani (Punjab).1

Allied to P. glaucinalis, P. yokohama and P. nannodes.

4452. Pyralis Janiusalis.

Pyralis janiusalis, Walker, Cat. Lep. Het. B. M. xix. p. 904, (1859).

Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4453. Pyralis loceusalis.

Pyralis loceusalis, Walker, Cat. Lep. Het. B. M. xix, p. 903, (1859). India.

4454. Pyralis Lucillalis.

I. M., Poona (Swinhoe), Kulu (Young). Collection Swinhoe, Solun, Mhow, Poona, Rangoon.

4455. Pyralis palesalis.

Pyralis palesalis, Walker, Cat. Lep. Het. B. M. xvii, p. 269, (1859).

Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4456. Pyralis pallivittata.

Pyralis pallivittata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887). Collection Swinnoe, Kulu.

4457. Pyralis phycidalis.

Pyralis phycidalis, Guén., Delt. et Pyral., p. 121, No. 10, (1854).

Walker, Cat. Lep. Het. B. M., xvii, p. 268, (1859).

India.

4458. Pyralis pictalis.

4459. Pyralis platymitris.

Pyralıs platymitris, Butler, Proc. Zool. Soc. Lond. 1883, p. 166. I. M., Kulu (Young). Collection Swinhoe, Solun.

4460. Pyralis Proximalis.

Pyralis proximalis, Walker, Trans. Ent. Soc. Lond., 3rd ser. i., p. 120, (1862—64).

Walker, Cat. Lep. Het. B. M., xxxiv, p. 1225, (1865).
India.

4161. Pyralis Quisqualis.

Pyralis quisqualis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 11.

4462. Pyralis ravolalis.

Pyralis ravolalis, Walker, Cat. Lep. Het. B. M., xix, p. 898, (1859).

Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4463, Pyralis recisalis.

Pyralis recisalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866. Collection Swinhoe, Satara, Poona.

4464. PYRALIS ROBOREALIS.

Pyralis roborealis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 1.

Collection Swinhoe, Nilgiri Hills, Rangoon.

4465. Pyralis rubicundalis.

Also recorded from Bombay.

Pyralis rubicundalis, Swinboe, Proc. Zool. Soc. Lond. 1885, p. 864. Collection Swinboe, Poona, Karachi.

4466. Pyralis suffusalis.

Pyralis suffusalis, Walker, Cat. Lep. Het. B. M. xxxiv. p. 1235, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Tatta (Sind), Rangoon.

Also recorded in Calcutta.

Closely allied to P. Pelargalis.

4467. Pyralis tenebrosalis.

Pyralis tenebrosalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1235, (1865).

- Swinhoe, Proc. Zool. Soc. 1885, p. 864.

Collection Swinhoe, Poona.

4468. Pyralis trifascialis.

Pyralis trifascialis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614, pl. 60, fig. 9. Andaman Islands.

4469. Pyralis (?) Trilatalis.

Pyralis (?) trilatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1237, (1865). North India

4470. Pyralis uberalis.

Pyralis uberalis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 10; and 1886, p. 457.

Collection Swinhoe, Mhow, Karachi.

4471. Pyralis Xylinalis.

Pyralis xylinalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 17.
Collection Swinhoe, Poona.

4472. Pyralis zizanialis.

Pyralis zizanialis, Swinhoe, Proc Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. . 2.

Warren, Proc. Zool. Soc. Lond. 1888, p. 332.

Collection Swinhoe, Bombay, Travancore.

Also recorded from the Punjab.

Geous Storicta.

4473. STERICTA DIVITALIS.

Glossina divitalis, Guén., Delt. et Pyral., p. 124, No. 20, pl. 7, fig. 4, \$\varphi\$, (1854).

Walker, Cat. Lep. Het. P. M. xvii, p. 273, (1859).

Stericta divitalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 340, (1863).

Moore, Lep. Ceyl. iii, p. 258, (1885).

Locastra phereciusalis, Walker, loc. cit. xvi, p. 159, \$\delta\$, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 86.

Sylhet, Ceylon, Borneo.

4474 STERICTA VITIALIS.

Pyralis vitialis, Walker, Cat. Lep. Het. B. M. xix, p. 897, Q. (1859).

Pyralis helvialis, Walker, loc. cit., xix, p. 915, &. (1859).

Stericta helvialis, Moore, Lep. Ceyl. iii, p. 258, pl. 178, fig. 1 Q., la larva, (1885).

Ceylon.

Genus Locastra.

4475. LOCASTRA CUPROVIRIDALIS.

Locastra cuproviridalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87. Darjiling.

4476. LOCASTRA LATIVITTA.

Locastra lativitta, Moore, Descr. Ind. Lep. Atk., p. 199, pl. 7, fig. 1, (1887). Darjiling.

Allied to L. cuproniridalis.

4477. LOCASTRA RUDIS.

Locastra rudis, Waiker, Trans. Ent. Soc. Lond., 3rd ser. i, p. 115, (1862—64).

Cat. Lep. Het. B. M., xxxiv, p. 1167, (1865).

India.

Genus Pannucha.

4478. PANNUCHA ÆNESCENS.

Pannucha ænescens, Moore, Descr. Ind. Lep. Atk., p. 200, (1887). Darjiling.

4479. PANNUCHA BASALIS.

Pannucha basalis, Moore, Descr. Ind. Lep. Atk., p. 200, pl. 7, fig. 2, (1887). Darjiling.

Genus Teliphasa.

4480. TELIPHASA NUBILOSA.

Teliphasa nubilosa, Moore, Descr. Ind. Jap. Atk., p. 201, (1887). Darjiling.

4481. Teliphasa orbiculifera.

Teliphasa orbiculifera, Moore, Descr. Ind. Lep. Atk., p. 201, (1887). Darjiling.

Genus Taurica.

4482. TAURICA SIKKIMA.

Taurica sikkima, Moore, Descr. Ind. Lep. Atk., p. 202, (1887). Darjiling.

Genus Scopocera.

4483. SCOPOCERA MINOR.

Scopocera minor, Moore, Descr. Ind. Lep. Atk., p. 203, (1887). Darjiling.

4484. Scorocera pyraliata.

Scopocera pyraliata, Moore, Descr. Ind. Lep. Atk., p. 202, (1887). Darjiling.

4485. Scopocera sintosa.

Scopocera sinuosa, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 3, (1887). Darjiling.

4486. SCOPOCERA VARIEGATA.

Scopocera variegata, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 4, (1887).

ling.

Genus Sarama.

4487. SARAMA ATKINSONII.

Sarama atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887). Darjiling.

Genus Orthaga,

4488. ORTHAGA EUADRUSALIS.

Orthaga euadrusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1174, (1865).

Moore, Lep. Ceyl. iii, p. 259, pl. 178, figs. 2, 2a, &. \$\varphi\$, 2b larva, (1885).

Borneo, India, Ceylon.

4489. ORTHAGA JUCUNDALIS.

Bleptina (!) jucundalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1164, &, (1865).

Orthaga jucundalis, Moore, Lep. Ceyl. iii, p. 260, (1885).

Ceylon.

4490. ORTHAGA OBSCURA.

Orthaga obscura, Moore, Descr. Ind. Lep. Atk., p. 201, (1887). Darjiling.

Genus Banepa.

4491. BANEPA ATKINSONII.

Banepa atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887). Darjiling.

Genus Rodaba.

4492. RODABA ANGULIPENNIS.

Rodaba angulipennis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887). Darjiling.

Genus Doththa.

4493. DOTHTHA MESENTERIALIS.

4494. DOTHTHA SIMILATA.

Doththa similata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887). Collection Swinhoe, Sikkim. Allied to D. suffusalis.

4495. DOTHTHA SUFFUSALIS.

Endotricha suffusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 390, (1859). Doththa suffusalis, Moore, Lep. Ceyl. iii, p. 266, (1885). Ceylon.

Genus Endotricha.

4496. Endotricha decessalis.

4497. Endotricha Loricata.

Endotricha loricata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887). Calcutta.

Genus Letchena.

4498. LETCHENA ELARALIS.

Pyralis elaralis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859). Letchena elaralis, Moore, Lep. Ceyl. iii, p. 257, (1885). Ceylon.

4499. LETCHENA THYRALIS.

Pyralis (?) thyralis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1234, (1865). Letchena thyralis, Moore, Lep. Ceyl. iii, p. 257, pl. 178, tig. 10, (1885). Ceylon.

Genus Aglossa.

4500. AGLOSSA ARGENTALIS.

Aglossa argentalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 89. Collection Swinhoe, Khasi Hills, Darjiling, Kurseyong.

4501. AGLOSSA DIMIDIALIS.

4502. Aglossa gnidusalis.

Aglossa gnidusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 278, (1859).

Moore, Lep. Ceyl. iii, p. 266, (1885).

Ceylon.

4503. AGLOSSA PINGUINALIS.

Phalana (Pyralis) pinguinalis, Linn., Faun. Suec., 1350.*
Tracteria (Lyraits) pengariatis, India, Laun. Sact., 1996.
Syst. Nat. ii, p. 882, No. 336
Gmel., ed. Syst. Nat. i, 5, 2523, 336.*
Ometa, et. Syst. Nat. 1, 0, 2525, 550.**
Stew., El. ii, 181.*
Turt. Syst. iii, 279.*
Phalana pinguinalis, Fabr., Sp. Ins. ii, p. 273, No. 184, (1781).
Mant. Ins. ii, p. 220, No. 292, (1787).
Ent. Syst. iii, 2, p. 230, No. 377, (1794).
Brahm., Ins. ii, 1, 111, 50, 388, 267.*
Schr., Faun. ii, 59, 1705.*
Pyralis pinguinalis, Wien., Verz., 120, 13.*
Mull., Faun. Frid. 54, 479.*
Zool. Dan. 133, 1537.
Illig., N. Auss. ii, 10, 13.*
Fuessl., Schr. Ins., 42, 815.*
T V :: 000 1401 4
Lang., Yerz. ii, 209, 1421.*
Crambus pinguinatus, Haw., Lep. Brit., 371.
Euclita pinguinalis, Hübn., Verz. Bek. Schm., p. 347, No. 3316, (1816).
Aglossa pinguinalis, Latr., Hist. Nat. xiv, 229.*
Treit., Schm. vii, 39, 2.*
Dup., Lep. 63, pl. 213, fig. 6.*
Steph., Ill. Brit. Haust. iv, 23, (1854).*
Guén, Delt. et Pyral., p. 127, No. 22, (1854).
Walker, Cat. Lep. Het. B. M. xvii, p. 274, (1859).
Butler, Ann. Nat. Hist. (5), ix, p. 210, (1882).
Swither Prince Ent Co. T. J. 1005 - 252
Swithor, Trans. Ent. Soc. Lond., 1885, p. 353.
Butler, Proc. Zool. Soc. Lond, 1886, p. 382.

Collection Swinhoe, Quetta, Kandahar. Also recorded from Murree and Europe.

Genus Conodomus.

4504. Coenodomus hockingii.

Canodomus hockingii, Walsingham, Trans. Zool. Soc. Lond., 1887, p. 50, pl. 5.

I. M., Vizagapatam (Museum Collector), Calcutta (Blechynden), Hazaribagh (Frizoni).

Collection Swinhoe, Solun.

Also recorded from Punjab, Kangra Valley.

Genus Stemmatophora.

4505. STEMMATOPHORA CASTANOPTERA.

Stemmatophora castanoptera, Moore, Lep. Ceyl. iii, p. 260, pl. 178, fig. 7, &, (1885).

Collection Swinhoe, Ceylon.

4506. STEMMATOPHORA INGRATA.

. Stemmatophora ingrata, Butler, Proc. Zool. Soc. Lond., 1881, p. 621. Karachi.

4507. STEMMATOPHORA (?) PULVERULENTA.

Stemmatophora (!) pulverulenta, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.

Campbellpur (Punjab).

4508. STEMMATOPHORA RUDIS.

Stemmatophora rudis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887). Darjiling.

4509. STEMMATOPHORA VIBICALIS.

Stemmatophora vibicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 338, 457, pl. 7, fig. 4, \(\varphi\), (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1251, (1865).

Moore, Lep. Ceyl. iii, p. 260, (1885).

I. M., Ceylon (Colombo Museum), ? Kulu (Young).

4510. STEMMATOPHORA VULSALIS.

Botys (1) vulsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 671, \$\varphi\$, (1859). Stemmatophora vulsalis, Moore, Lep. Ceyl. iii, p. 260, (1885). Ceylon.

Genus Herculia.

4511. HERCULIA BILINEATA.

Herculia bilineata, Moore, Lep. Ceyl. iii, p. 555, pl. 215, fig. 11, (1887). Ceylon.

4512. HERCULIA BRACTEALIS.

. . . .

Herculia bractealis, Walker, Cat. Lop. Het. B. M. xix, p. 808, 2, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

Lep. Ceyl. iii, p. 261, (1885).

Collection Swinhoe, India. Also recorded from Ceylon.

4513. HERCULIA IGNIFLUALIS.

Pyralis igniflualis, Walker, Cat, Lep. Het. B. M. xvii, p. 268, (1859). Herculia igniflualis, Moore, Lep. Ceyl. iii, p. 261, (1885). Ceylon.

Genus Vitessa.

4514. VITESSA FORMOSA.

Vitessa formosa, Felder & R. Reise, Novara, pl. 137, fig. 1, 3, (1874). India.

4515. VITESSA RAMA.

Vitessa rama, Moore, Lep. Ceyl. iii, p. 256. pl. 178, fig. 4, 3, (1885). Collection Swinhoe, Ceylon.

4516. VITESSA SURADEVA.

Vitessa suradeva, Moore, Cat. Lep. Mus. E. I. C. ii, p. 200, pl. 7a, fig. 7, (1858).

· Walker, Cat. Lep. Het. B. M. xxxi, p. 219, (1864).

I M., Andaman Islands, Naga Hills, Sikkim (purchased), Mergui (Anderson).

Collection Swinboe, Sylhet, Travancore, Anamalli Hills, Andaman Islands.

Genus Tyspana.

4517. Tyspana vitessoides.

Tyspana vitessoides, Moore, Lep. Ceyl. iii, p. 256, pl. 178, figs. 3, 3a, larva, (1885).

I. M., Sibsagar (Peal), Sikkim (purchased). Collection Swinhoe, Ceylon.

Genus Hellula.

4518. HELLULA UNDALIS.

HELLULA UNDALIS-continued.

Scoparia alconalis, Walker, loc, cit., xix, p. 827, (1859). Scoparia optatusalis, Walker, loc, cit., xix, p. 1018, (1859).

I. M., Karachi (Swinhoe).

Collection Swinhoe, Karachi.

Also recorded from Ceylon and Europe.

Genus Hypotia.

4519. HYPOTIA ALLALIS.

Hypotia allalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462, pl. 41, fig. 2. Collection Swinhoe, Mhow.

4520. Hypotia rubella.

Hypotia rubella, Swinhoc, Proc. Zool. Sec. Lond. 1881, p. 523, pl. 48, fig. 9.

Collection Swinhoe, Karachi, Hyderabad, Lindi (Sind).

4521. HYPOTIA VAFERA.

Hypotia vafera, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 8. Collection Swinhoe, Karachi, Hyderabad (Sind).

4522. HYPOTIA VULGARIS.

Hypotia vulgaris, Butler, Proc. Zool. Soc. Lond. 1881, p. 621.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523.

I. M., Karachi (Swinhoe).

Collection Swinhoe, Karachi, Hubb river, Tatta (Sind).

Genus Agastia.

4523. AGASTIA FLAVOMACULATA.

Agastia flavomaculata, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.

Darjiling.

Allied to A. hyblicoides.

4524. AGASTIA HYBLÆOIDES.

Agastia hyblicoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus Bostra.

4525. BOSTRA ILLUSELLA.

Bostra illusella, Walker, Cat. Lep. Het. B. M. xxvii, p. 123, (1863).

Moore, Lep. Ceyl. iii, p. 264, (1885).

Ceylon.

Genus Heliothela.

4526. HELIOTHELA OPHIDERESANA.

Orosona ophideresana, Walker, Cat. Lep. Het. B. M. xxviii, p. 459, (1863). Nyctarcha ophideres, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 345. Heliothela ophideresana, Moore, Lep. Ceyl. iii, p. 269, (1885). Ceylon.

Genus Arrade.

4527. ARRADE EREBUSALIS.

Arrade erebusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 82, (1865).

Moore, Lep. Ceyl. iii, p. 373, (1886).

Ceylon.

4528. ARRADE MASSALIS.

Arrade massalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, pl. 57, fig. 10. Collection Swinhoe, Bombay.

Genus Cledeobia.

4529. CLEDEOBIA HYPOTIALIS.

Cledcobia hypotialis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, and 1886, p. 457.
Collection Swinhoe, Campbellpur, Mhow, Poona.

FAMILY SCOPARIDÆ.

Genus Nomophila.

4530. Nonophila noctuella.

Tinea noctue	ella, Schiff W	ien, Verz. 136,	35, (1776).		
	Illig., N.	Ausg. Dess, ii,	, 92, 35,*		
Nomophila	noctuella, L	eder., Pyral. Wi	en. Ent. Me	mat. vii, p. 3	79, (1863).
	M	eyrick, Trans.	Ent. Soc. L	ond. 1884, p	. 306.
	M	oore, Lep. Ceyl	l. iii, p. 356	, (1886).	
Pyralis hyb	ridalis, Hüb	n., Pyral. 29, 2	0, pl. 17, fig	(i. 114, (1797)	.*
		aw., Lep. Brit.			
		Iübn., Verz. Be		p. 368, No. 3	536. (1816).
		Steph., Ill. Brit			
Botus hubri		Schm. vii, 109,		,	
		Lep. viii, 153,		3.*	
		Herr. Sch., Eu			
		Guen., Delt. et			(1854).
		Walker, Cat. L			
		Butler, Proc. 7			
			6, p. 384.	2001, p	,
		Butler, Ann. N		ir n 211.	(1882).
		Swinhoe, Proc			
		_	885, p. 876.		a, p. 0-0,
		Trans. Ent. So			
				• •	• •
Collection	Swinhoe,	Kandahar,	Quetta,	Karachi,	Sikkim,

Umballa, Nilgiri Hills, Mhow.

Genus Scotomera.

4531. SCOTOMERA TRISTIS.

Scotomera tristis, Butler, Proc. Zool. Soc. Lond. 1881, p. 623.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

Collection Swinhoe, Karachi, Hubb river.

Genus Scoparia.

4532. SCOPARIA CONGESTALIS.

Scoparia congestalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).

Moore, Lep. Ceyl. iii, p. 354, (1886).

Ceylon.

4533. SCOPARIA DELICATALIS.

Scoparia delicatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1500, (1865). South India.

4534. SCOPARIA ICTERICALIS.

Scoparia ictericalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876, pl. 57, fig. 16.

Collection Swinhoe, Poona.

4535. Scoparia murificalis.

Scoparia murificalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).

Moore, Lep. Ceyl. iii, p. 355, (1886).

Ceylon.

Genus Dosara.

4536. Dosara celatalis.

Dosara calatalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).

Butler, Proc. Zool. Soc. Lond., 1886, p. 384.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876.

Moore, Lep. Ceyl. iii, p. 351, (1886).

Collection Swinhoe, Karachi, Poona

Collection Swinhoe, Karachi, Poona. Also recorded from the Punjab and Ceylon.

4537. Dosara Lapsalis.

Dosara lapsalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).

- Moore, Lep. Ceyl. iii, p. 351, (1886).

Ceylon.

Genus Parbattia.

4538. PARBATTIA VIALIS.

Parbattia vialis, Moore, Descr. Ind. Lep. Atk., p. 225, pl. 7, fig. 30, (1887). Darjiling.

FAMILY PTEROPHORIDÆ.

Genus Amblyptilia.

ESOU. LEMPOITIEM ARGINGODACTION	4539.	AMBLYPTILIA	ARGYRIODACTYLA	
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Platyptilus argyriodactylus, Walker, Cat. Lep. Het. B. M., xxx, p. 929, (1864).

Amblyptilia argyriodactyla, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 13, (1887).

Ceylon.

4540. AMBLYPTILIA TAPROBANES.

Amblyptilia taprobanes, Felder & R. Reise, Novara Lep. v, pl. 140, fig. 54,

& (1875).

Moore, Lep. Ceyl. iii, p. 327, (1887).

Ceylon.

Genus Platyptilia.

4541. PLATYPTILIA EXALTATA.

Pterophorus (Platyptilus) exaltatus, Zeller, Stett. Ent. Zeit. xxviii, p. 411, 1867.

Collection Swinhoe, Simla.
Also recorded from Sikkim.

Genus Oxyptilus.

4542. OXYPTILUS ANISODACTYLUS.

Oxyptilus anisodaetylus, Walker, Cat. Lep. Het. B. M. xxx, p. 931, (1861).

Moore, Lep. Ceyl. iii, p. 528, (1887).

Ceylon.

Genus Ptorophorus.

4543. Pterophorus atomosus.

Aciptilia atomosa, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885. Collection Swinhoe, Bombay.

4544. PTEROPHORUS BAPTODACTYLUS.

Fterophorus baptodactylus, Leller, Stettin, Ent. Zeit. 1850, p. 211.	
Linn. Ent. vi, p. 401. *	
Mann, Wien. Zool. Bot. Zeit. v, 1855, 8, p. 57	72.
Zeller, Stett. Ent. Zeit. 1867, p. 414.	-
The state of the s	
Towns and a Cilchina	

Europe; also Sikkim.

4545. Pterophorus congrualis.

Pterophorus congrualis, Walker, Cat. Lep. Het. B. M. xxx, p. 943, (1864). Ceylon.

4546. PTEROPHORUS ISCHNODACTYLUS.

Aciptilus ischnodactylus, Treit., Lep. Eur. x, 3, 232.*

Walker, Cat. Lep. Het. B. M. xxx, p. 947, (1864).

Pterophorus congrualis, Swinhoe (nec Walker), Proc. Zool. Soc. Lond, 1884, p. 526.

Collection Swinhoe, Karachi. Also recorded from Europe.

4547. PTEROPHORUS LACTEIPENNIS.

Aciptilus lacteipennis, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864). India.

4548, Pterophorus leucadactylus.

Aciptilus lencadactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864). Pterophorus lencadactylus, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig 15, (1887).

Ceylon.

4519. Pterophorus oxydactylus.

Pterophorus oxydactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 944, (1864). Aciptilia oxydactyla, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885. Pterophorus oxydactylus, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig. 16, (1887).

Collection Swinhoe, Poona, Bombay. Also recorded from Ceylon.

Genus Eucnemidophorus.

4550. Eucnemidophorus alticola.

Cnemidophorus (nom. preoc.) alticola, Felder & R. Reise, Novara Lep., pl. 140, fig. 59, (1864-75).

Himalayas.

Genus Œdematophorus.

4551. ÆDEMATOPHORUS FORCIPATUS.

Pterophorus (Œdematophorus?) forcipatus, Zeller, Stett. Ent. xxviii, 1867, p. 412, pl. 2, fig. 7. Sikkim.

Genus Leioptilus.

4552. LEIOPTILUS SERINDIBANUS.

Leioptilus serindibanus, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 14, (1887).

Ceylon.

PYRALES.

Genus Alucita.

4553. ALUCITA SIKKIMA.

Alucita sikkima, Moore, Descr. Ind. Lep. Atk., p. 282, (1887). Darjiling.

TRIBE CRAMBITES.

FAMILY PHYCITIDÆ.

Sub-Family PHYCITINÆ.

Genus Ceroprepes.

4554. CEROPREPES PATRICIELLA.

Ceroprepes patriciella, Zeller, Stett. Ent. Zeit. 1807, p. 403, pl. 2, fig. 4. India.

4555. CEROPREPES PULVILLELLA.

Nephopteryx pulvillella, Zeller, Stett. Ent. Zeit. 1867, p. 394, pl. 2, fig. 3. India.

Genus Cryptoblabes.

4556. CRYPTOBLABES ANGUSTIPENNELLA.

Cryptoblabes angustipennella, Ragonot, Nouv. Gen. et Espèces de Phys. et Gall., Paris, (April 1888), p. 6.
India.

4557. CRYPTOBLABES PALLICOSTALIS.

Nephopteryx pallicostalis, Walker, Cat. Lep. Het. B.M. xxvii, p. 63, (1863). South India.

Genus Aurana.

4558. Aurana actiosella.

Aurana actiosella, Walker, Cat. Lep. Het. B.M. xxvii, p. 122, (1863).

Moore, Lep. Ceyl. iii, p. 360, (1886).

Nephopteryx lentalis, Swinhoe, Proc. Zool. Sec. Lond. 1885, p. 877, pl. 57, fig. 18.

Collection Swinhoe, Bombay, Karachi. Also recorded from Ceylon.

Genus Myelois.

4559. Myelois (?) Basifuscalis.

Myelois (!) basifuscalis, Walker, Cat. Lep. Het. B.M. xxvii, p. 38, (1863).

Moore, Lep. Ceyl. iii, p. 368, (1886).

Ceylon.

4560. Myelois (?) carnea.

Myelois (?) carnea, Warren, Proc. Zool. Soc. Lond. 1888, p. 336. Campbellpur (Punjab).

4561. Myelois (?) Marsyusalis.

Myclois (?) marsyusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863).

Moore, Lep. Ceyl. iii, p. 369, (1886).

Ceylon.

Genus Rhodophea,

4562. RHODOPHÆA HERINGII.

Rhodophæa heringii, Rag., Annal. Soc. Ent. France, 1888, p. 282. Ceylon.

Genus Acrobasis.

4563. ACROBASIS LIGERALIS.

Myelois ligeralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863). Acrobasis ligeralis, Moore, Lep. Ceyl. iii, p. 359, (1886). Ceylon.

4564. ACROBASIS NIGRESCENS.

Acrobasis nigrescens, Warren, Proc. Zool. Soc. Lond. 1888, p. 336., Kala Pani (Punjah).

Genus Hypargyria.

4565. HYPARGYRIA METALLIFERELLA.

Hypargyria metalliferella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 9. Acra, Bathurst, Punjab.

Genus Hypsipyla.

4566. HYPSIPYLA PAGODELLA.

Hypsipyla pagodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 10.

Punjab.

Genus Phycita.

4567. PHYCITA CLIENTELLA.

Nephopteryx clientella, Zeller, Stett. Ent. Zeit. 1867, p. 396. Calcutta.

Genus Ankova.

4568. ANKOVA MERIDIONALIS.

Nephopteryx meridionalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 64, (1863).

India.

Genus Candiope.

4569. CANDIOPE JOANNISELLA.

Candiope joannisella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 14. South India.

Genus Cantholia.

4570. CANTHELIA ŒGNUSALIS.

Pyralis ægnusalis, Walker, Cat. Lep. Het. B. M. xix, p. 905, (1859).

Canthelia ægnusalis, Moore, Lep. Ceyl. iii, p. 362, (1886).

Homæosoma gratella, Walker, loc. cit. xxvii, p. 26, (1863).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877; and 1886, p. 461.

Canthelia gratella, Walker, loc. cit. xxxv, p. 1727, (1866).

Collection Swinhoe, Mhow, Poona, Bombay.

Also recorded from Ceylon.

4571. CANTHELIA LATERITIALIS.

Eurhodope lateritialis, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863). Canthelia lateritialis, Moore, Lep. Ceyl. iii, p. 362, (1886). Nephopteryx concolorella, Walker loc. cit. xxxv, p. 1721, (1866). Ceylon.

4572. CANTHELIA LUCIDA.

Canthelia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 336. Campbellpur (Punjab).
Allied to C. aguusalis.

Genus Nephopteryx.

4573. NEPHOPTERYX (?) ÆOLUSALIS.

Nephopteryx (1) colusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).

Moore, Lep. Ceyl. iii, p. 361, (1886).

Ceylon.

4574. NEPHOPTERYX (?) ARGIADESALIS.

Nephopteryx (?) argiadesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).

Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4575. NEPHOPTERYX CREPERALIS.

Nephopteryx creperalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 20.

Collection Swinhoe, Poona, Karachi.

4576. Nephopteryx (?) cyllusalis.

Nephopteryx (?) cyllusulis, Walker, Cat. Lep. Het. B. M. xxvii, p. 65, (1863).

Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4577. NEPHOPTERYX (?) ETOLUSALIS.

Nephopteryx (!) ctolusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 64, (1863).

- Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

4578. NEPHOPTERYX EUGRAPHELLA.

Nephopteryx eugraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15.

India.

4579. NEPHOPTERYX (?) HARPAXALIS.

4580. Nephopteryx inconspicuella.

Nephopteryx inconspicuella, Rag., Nonv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 17.

Dharmsala.

4581. NEPHOPTERYX LAXALIS.

Nephopteryx laxalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877. Collection Swinhoe, Poona, Bombay.

4582. NEPHOPTERYX RHYPARELLA.

Nephopteryx rhyparella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15. Punjab.

4583. NEPHOPTERYX SIGNELLA

Nephopteryz signella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris (April 1888), p. 15. Afghanistan.

4584. Nephopteryx suffuscalis.

Nephopteryx suffuscalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460. Collection Swinhoe, Mhow, Peona, Bombay.

4585. NEPHOPTERYX PHYCISELLA.

Nephopteryx phycisella, Walker, Cat. Lep. Het. B. M. xxx, p. 957,
(1864).

Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

Genus Salebria.

4586. SALEBRIA CAUTELLA.

Pempelia cautella, Walker, Cat. Lep. Het. B. M. xxvii, p. 73, (1863).

- Moore, Lep. Ceyl. iii, p. 369, (1886).

Ceylon.

4587. SALEBRIA ILELLA.

Pempelia ilella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 529, pl. 48, fig. 6. Collection Swinhoe, Karachi, Hydrabad (Sind).
Allied to P. cautella.

4588, SALEBRIA SEMIRUBELLA.

Phalana semirubella, Scopoli, Ent. Carn. 245, (1763).*

Phalana (Tinea) carnella, Linn., Syst. Nat. i, p. 887, (1767).

Tinea sanguinella, Hübner, Tin. Tab. 10, fig. 65, (1800).*

Eurhodope semirubella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).

N. India, China, Europe.

4589. SALEBRIA UNDULATELLA.

Acrobasis undulatella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1711, (1886). Salebria undulatella, Moore, Lep. Ceyl. iii, p. 360, (1886). Ceylon.

Genus Oligochroa.

4590. OLIGOCHROA AKBARELLA.

Oligochroa akharella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 20.
Allahabad.

4591. OLIGOCHROA LEUCOPHÆELLA.

Pempelia (Salebria) leucophæella, Zeller, Stett. Eut. Zeit. 1867, p. 390. Calcutta.

4592. OLIGOCHROA NODICORNELLA.

Oligochroa nodicornella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 21. Lahore.

4593. OLIGOCHROA SORICINELLA.

Oligochroa soricinella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1889), p. 20.

South India.

Genus Pristarthria.

4594. PRISTARTHRIA MINUTELLA.

Salebria minutella, Rag., Bull. Soc. Ent. Fr. (6) v, p. 150, (1885).

Moore, Lep. Ceyl. iii, p. 361, (1886).

Ceylon.

Allied to P. mundalis.

Genus Epicrocis.

4595. Epicrocis festivella.

Epicrocis festivella,	Zeller, Isis (1848), p. 878.*
	Mic., Lep. Caffr., p. 77, (1852).*
	Walker, Cat. Lep. Het. B. M., xxvii, p. 75, (1863).
	Moore, Lep. Ceyl. iii, p. 367, pl. 184, fig. 8, (1886)
	Meyrick, Trans. Ent. Soc. Lond., 1887, p. 259.
Scopula albigeralis,	Walker, loc. cit. xxxiv, p. 1468, (1865).
Cevlon, Java, Afr	ica.

Genus Hydaspia.

4596. HYDASPIA DORSIPUNCTELLA.

Hyduspia dorsipunctella, Rag., Nouv. Gen et Espèces de Phyc. et Gall., Paris, (April 1888), p. 22.

Punjab.

Genus Magiria.

4597. MAGIRIA IMPARELLA.

Magiria imparella, Zeller, Stott. Ent. Zeit. 1867, p. 393, pl. 2, fig. 2. India.

4598. MAGIRIA ROBUSTA.

Magiria robusta, Moore, Lep. Ceyl. iii, p. 365, pl. 184, figs. 4, 4a, (1886). Ceylon.

Genus Anoristia.

4599. Anoristia inanitella.

Anoristia inanitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 25.

Mynpuri.

4600. Anoristia venosella.

Yarkand.

Genus Etiella.

4601. ETIELLA ZINCKENELLA.

Genus Heterographis.

4602. HETEROGRAPHIS MYSORELLA.

Heterographis mysorella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 29. South India.

4603. HETEROGRAPHIS SINGHALELLA.

Heterographis singhalella, Rag., Ann. Soc. Ent. France, (1888), p. 283. Ceylon.

4604. HETEROGRAPHIS SUBOBLITELLA.

Heterographis suboblitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 29. Sonth India.

Genus Euzophera.

4605. EUZOPHERA PERTICELLA.

Euzophera perticella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 32.

Calcutta.

Genus Hommosoma.

4606. Homeosoma albovittella.

Homaosoma alborittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 35.

Allahabad.

4607. Homgeosoma derasella.

Homæosoma derasella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, tig. 19. Collection Swinhoe, Poona, Bombay.

4608. HOMICOSOMA GETUSALIS.

Homæosoma (?) getusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 26, (1863).

Moore, Lep. Ceyl. iii, p. 359, (1886).

Ceylon.

4609. Homœosoma goliathella.

Homæosoma goliathella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 35.

4610. HOMŒOSOMA PUNCTISTRIGELLA.

Homaosoma punctistrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 33. Punjab.

Genus Cabragus.

4611. CABRAGUS AURITIPALPUS.

Cabragus auritipalpus, Moore, Lep. Ceyl. iii, p. 371, pl. 184, fig. 9, (1886). Ceylon.

Sub-Family ANERASTINÆ.

Genus Emmalocera.

4612. Emmalocera Lucidicostella.

Emmalocera lucidicostella, Rag., Nouv. Gen et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38.

Punjab.

4613. EMALOCERA MUMBRICOSTELLA.

Emmalocera umbricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38. N.-W. India.

Genus Lodiana.

4614. LODIANA UMBRIVITTELLA.

Lodiana umbrivittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38. Punjab.

Genus Polyocha.

4615. POLYOCHA AURIFUSELLA.

Crambus aurifusella. Walker, Cat. Lep. Het. B. M. xxxv, p. 1756, (1866). Chilo aurifusellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona,

4616. POLYOCHA CARNATELLA.

Polyocha carnatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gail., Paris, (April 1888), p. 39.

Lahore.

4617. POLYOCHA DETRITELLA.

Polyocha detritella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

4618. POLYOCHA VARIEGATELLA.

Polyocha variegatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

4619. POLYOCHA VESCULELLA.

Polyocha vesculella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

Genus Patna.

4620, PATNA EBORICOSTELLA.

Patna eboricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Darjiling.

Genus Poujadia.

4621. POUJADIA ERODELLA.

Poujadia erodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.
South India.

4622. Poujadia ochridorsella.

Poujadia ochridorsella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42. Dharmsala.

4623. Poujadia sepicostella.

Poujadia sepicostella, Rag., Nonv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42. Punjab.

4624. POUJADIA SPURCELLA.

Poujadia spurcella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42. Allahabad, Libouan.

Genus Saluria.

4625. SALURIA OPIFICELLA.

Anerastia opificella, Zeller, Stett. Ent. Zeit. 1867, p. 406. Calcutta.

Genus Baroda.

4626. BARODA PAUCIGRAPHELLA.

Baroda paucigraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42. Kutch, Calcutta, South India.

Genus Ambala.

4627. Ambala fuscostrigella.

Ambala fuscostrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 45. N.-W. India.

Genus Hoosphora.

4628. HEOSPHORA LATERCULELLA.

Anerastia laterculella, Zeller, Stett. Ent. Zeit, 1867, p. 403. Calcutta.

Genus Talamba.

4629. TALAMBA TENUINERVELLA

Talamba tonuinervella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, April 1888, p. 47. Punjab.

Genus Hypsotropa.

4630. HYPSOTROPA SCELETELLA.

Anerastia sceletella, Zeller, Stett. Ent. Zeit. 1867, p 404. Calcutta.

Genus Anorastia.

4631. Anerastia adaptella.

Pempelia (?) adaptella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863). Anerastia adaptella, Moore, Lep. Ceyl. iii, p. 367, (1886). Ceylon.

4632. Anerastia bimaculella.

Anerastia bimaculella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

4633. Anerastia brunneovittella.

Anerastia brunneovittella, Rsg., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

Bombay.

4634. Anbrastia celsella.

Araxes (1) celsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863). Anerastia celsella, Moore, Lep. Ceyl. iii, p. 357, (1886). Ceylon.

4635. Anerastia inficita.

Acrobasis inficita, Walker, Cat. Lep. Het. B. M. xxvii, p. 30, (1863). Anerastia inficita, Moore, Lep. Ceyl. iii, p. 358, (1886). Ceylon.

4636. Anerastia spinifrontella.

Ancrastia spinifrontella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 48. India.

4637. Anerastia stigmatella.

Anerastia stigmatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49. Dharmsala, Allahabad, South India.

Species described as Phycitidae but whose position is doubtful.

Genus Moca.

4638. MOCA LITHOSTOIDES.

Moca lithosioides, Moore, Lep. Ceyl. iii, p. 372, (1886). Ceylon. Resembles a Tincid.

4639. Moca velutina.

Moca velutina, Walker, Cat. Lep. Het. B. M., xxvii, p. 102, (1863).

Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.

Resembles a Noctua. This and the preceding species certainly do not belong to the same family.

Genus Allata.

4640. ALLATA PENICILLATA.

Allata penicillata, Walker, Cat. Lep. Het. B. M. xxvii, p. 111, (1863). India.

Genus Letoa.

4641. LETOA PATULELLA.

Letoa patulella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1738, (1866). N. India.

Genus Subrita.

4642. SUBRITA BILINEATELLA.

Subrita bilineatella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1744, (1866). India.

Genus Dapha.

4643. DAPHA VALEUSALIS.

Dapha valeusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 125, (1863).

Moore, Lep. Ceyl. iii, p. 370, (1886).

Ceylon.

Genus Hamaxia.

4644. HAMAXIA LIGNULINA.

Hamaxia lignulina, Walker, Cat. Lep. Het. B. M., xxvii, p. 128, (1863).

Moore, Lep. Ceyl. iii, p. 374, (1886).

Ceylon.

Genus Lacipea.

4645. LACIPEA MUSCOSELLA.

Lacipea muscosella, Walker, Cat. Lep. Het. B. M., xxvii, p. 138, (1863).

Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.

Genus Cadra.

4646. CADRA DEFECTELLA.

Cadra defectella, Walker, Cat. Lep. Het. B. M., xxx, p. 962, (1864).

Moore, Lep. Ceyl. iii, p. 370, (1886).

Ceylon.

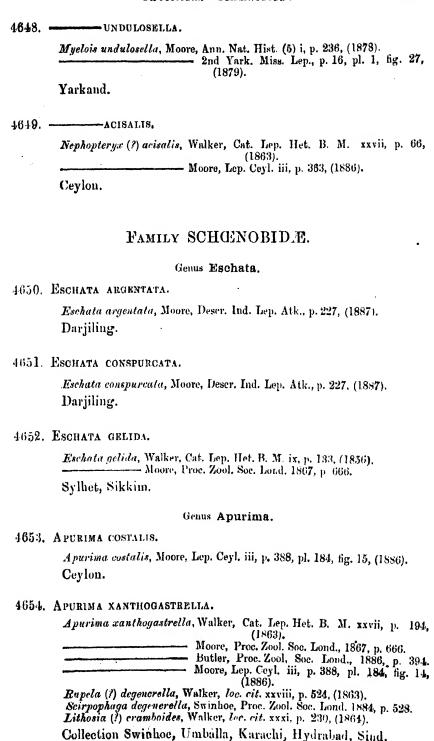
Genus (?)

4647. GRISEELLA.

Myelois griseella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).

2nd Yarkand Miss. Lep., p. 16, pl. 1, fig. 15, (1879).

Yarkand.



Also recorded from China.

Genus Scirpophaga.

4655. Scirpophaga auriflua.

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4656. Scirpophaga gilviberbis.

Scirpophaga gilvibërbis, Zeller, Monogr. Chilo et Cramb., p. 2, (1863).

Walker, Cat. Lep. Het. B. M. xxx, p. 968, (1864).

Moore, Proc. Zool. Soc. Lond., 1867, p. 666.

Calcutta.

Genus Brihaspa.

4657. BRIHASPA ATROSTIGMELLA.

Brihaspa atrostigmella, Moore, Proc. Zool. Soc. Lond. 1867, p. 666, pl. 33, fig. 13, f.

Felder & R. Reise, Novara, pl. 98, fig. 19, (1868).

Collection Swinhoe, Darjiling, Rangoon.

Genus Cirrhochrista.

4658. CIRRHOCHRISTA ACCIUSALIS.

Margaronia acciusalis, Walker, Cat. Lep. Het. B. M. xix, p. 977, (1859). Ramila acciusalis, Moore, Lep Ceyl. iii, p. 389, pl. 184, fig. 5, (1886). Cirrhochrista acciusalis, Moore, Descr. Ind. Lep. Atk., p. 227, 9, (1887). Ceylon, India.

4.659. CIRRHOCHRISTA BRIZOALIS.

Collection Swinhoe, Poona, Bombay, Nilgiri Hills. Also recorded from China and Australia.

Genus Ramila.

4660. RAMILA MARGINELLA.

Ramila marginella, Moore, Proc. Zool. Soc. Lond., 1867, p. 667, pl. 33, fig. 16.

Collection Swinhoe, Sikkim.

Genus Schonobius.

4661. SCHIENOBIUS BIPUNCTIFERA.

Tipanæa bipunctifera, Walker, Cat. Lep. Het. B. M. xxviii, p. 523, (1863).

SCHENOBIUS BIPUNCTIFERA-contd.

Schanobius bipunctifera, Moore, Lep. Ceyl. iii, p. 385, pl. 184, fig. 13, (1886).

Chilo gratiosellus, Walker, loc. cit. xxx, p. 967, (1864).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.

Schanobius punctellus, Zeller, Monog. Chilo et Cramb., p. 4, (1863).*

Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Collection Swinhoe, Bombay, Poona.

Also recorded from Calcutta, Ceylon, China, Java.

4602. Schenobius bisignatus.

Schwnobius bisignatus, Zeller, MSS.

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona, Karachi.

4663. Schenobius brunnescens.

Schanobius brunnescens, Moore, Descr. Ind. Lep. Atk., p. 225, (1887). Calcutta.

Genus Urola.

4664. Urola inclaralis.

Crambus inclaralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 166, (186?). Urola inclaralis, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 462.

Collection Swinhoe, Mhow.

Also recorded from China.

Genus Patissa.

4665. PATISSA CANDIDULALIS.

Metasia candidulalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 880, pl. 57, fig. 6.

Collection Swinhoe, Poona.

Allied to P. lactcalis, Felder.

4666. PATISSA LACTEALIS.

Metasia (?) lactealis, Felder & R. Reise, Novara, pl. 137, fig. 38, &, (1874). Patissa lactealis, Moore, Lep. Ceyl. iii, p. 389, pl. 184, fig. 11, (1886). Ceylon.

Genus Acara.

4667. ACABA MOROSELLA.

Acara morosella, Walker, Cat. Lep. Het. B. M. xxvii, p. 199, (1863).

Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Sylhet,

FAMILY CRAMBIDÆ.

Genus Chilo.

4668. CHILO BIVITELLUS.

Chilo bivitellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 31, fig. 8. Collection Swinhoe, Nilgiri Hills.

Also recorded from Bombay.

4669. CHILO CERVINELLUS.

Chilo cervinellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34, fig. 7.
Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.
Collection Swinhoe, Nilgiri Hills, Matheran, Satara, Poona.

4670 CHILO DESISTALIS.

Crambus desistalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1863). Chito desistalis, Moore, Lep. Ceyl. iii, p. 384, pl. 184, fig. 10, (1886). Collection Swinhoe, Ceylon.

4671. CHILO DODATELIUS.

Chilo dodatellus, Walker, Cat. Lep. Het. B. M. xxx, p. 966, (1864). Chilo dodatellus Moore, Lep. Ceyl. iii, p. 384, (1886). Chilo aditellus, Walker, loc. cit., p. 967. India, Ceylon.

4672. CHILO EXCERPTALIS.

Chilo excerptalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 142, (1863). N. India.

4673. CHILO INCONSPICUELLUS.

Chilo inconspicuellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34, fig. 6.

Bombay.

4674. CHILO INTERRUPTELLUS.

Chilo interruptellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34, fig. 5.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona, Bombay.

4675. CHILO LINCUSALIS.

Homæosoma (?) lincusalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 26, (1863).

Moore, Lep. Ceyl. iii, p. 358, (1886).

Chilo lincusalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878.

Collection Swinhoe, Simla, Poona.

Also recorded from Ceylon.

4676. CHILO NIVELLUS. Chilo nivellus, Kollar, Hüg, Kasch, iv, p. 495, (1848). -- Walker, Cat. Lep. Het. B. M. xxvii, p. 142, (1863). Kashmir and Mussoorie. 4677. Chilo ortellus. Chilo ortellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41, fig. 3. Collection Swinhoe, Mhow. 4678. CHILO UNICOLORELLUS. Chilo unicolorellus, Kollar, MSS. - Walker, Cat. Lep. Het. B. M., xxx, p. 966, (1864). Himalayas. Genus Eromone. 4679. EROMENE BELLA. Tinea bella, Hübner, Tin, fig. 60 (69?), (1800).* Eromene bellu, Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863). - Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354. - Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. Collection Swinhoe, Chaman (Afghanistan), Karachi, Mhow, Poona. 4680. EROMENE OCELLEA. Eromene ocellea, Haw., Lep. Brit., p. 486, (1812). - Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863). - Warren, Proc. Zool. Soc. Lond. 1888, p. 337. Campbellpore (Punjab), Europe. 4681. Eromene tripunctata. Eromone tripunctata, Moore, Descr. Ind. Lep. Atk., p. 226, (1887). Darjiling. Genus Catagola. 46S2. CATAGELA ADJURELLA. Catagela adjurella, Walker, Cat. Lep. Het. B. M. xxvii, p. 191, (1863). --- Moore, Lep. Ceyl. iii, p. 385, (1886). Ceylon. 4683. CATAGELA ADMOTELLA. Catagela (?)admotella, Walker, Cat. Lep. Het. B. M. xxvii, p. 192, (1863). - Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878. - Moore, Lep. Ceyl. iii, p. 386, (1886). Schanobius minutellus, Zeller, Monog, Chilo et Cramb., p. 6, (1863).

Collection Swinhoe, Poona.

Also recorded from Ceylon, Calcutta, Java.

- Walker, loc. cit., xxx, p. 970, (1864). -Moore, Proc. Zool. Soc. Lond. 1867, p. 667.

4684. CATAGELA (?) LEUCANIA.

Catagela (?) leucania, Felder & R. Reise, Novara, pl. 137, fig 13, &, (1874).

Moore, Lep. Ceyl. iii, p. 557, (1887).

Ceylon.

Genus Charltona.

4685. CHARLTONA KALA.

Charltona kala, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879, pl. 57, fig. 4; and 1886, p. 461.

Collection Swinhoe, Mhow, Satara, North Kanara.

Genus Culladia.

4686. Culladia admigratella.

Araxes admigratella, Walker, Cat. Lep. Het, B. M. xxvii, p. 192, (1863). Cultadia admigratella, Moore, Lep. Ceyl. iii, p. 383, (1886). Ceylon.

4687. CULLADIA CÆSELLA.

Arares cæsella. Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863). Culladia cæsella, Moore, Lep. Ceyl. iii, p. 383, (1886). Ceylon.

4688. CULLADIA FAMULELLA.

Araxes fumulella, Walker, Cat. Lep. Het. B. M. xxxv. p. 1765, (1866). Culladia famulella, Moore, Lep. Ceyl. iii, p. 383, (1886). Ceylon.

Genus Panalipa.

4689. Panalipa immeritalis.

Dosara immeritalis, Walker, Cat. Lep. Het. B. M. xix, p. 830, (1859). Panalipa immeritalis, Moore, Lep. Ceyl. iii, p. 387, (1886). Araxes (?) decursella, Walker, loc. cit. xxvii, p. 194, (1863). Ceylon.

Genus Epichilo.

4690. EPICHILO PARVELLUS.

Epichilo parvellus, Rag., Ann. Soc. Ent. France, 1888, p. 278. South India.

Genus Calamotropha.

4601. CALAMOTROPHA ATKINSONI.

Calamotropha	atkinsoni,	Zeller, Monog. Chilo et Cramb., p. 9, (1863).*
		Walker, Cat. Lep. Het. B. M. xxx, p. 970, (1864).
<u> </u>		Moore, Proc. Zool. Soc. Lond. 1867, p. 668.

Calcutta.

Genus Crambus.

4692. CRAMBUS ABBREVIATELLUS.

Crambus abbreviatellus, Walker, Cat. Lep. Het. B. M. xxxv, p. 1756. (1866).

South India.

4693. CRAMBUS AURIVITTATUS.

Crambus aurivittatus, Moore, Descr. Ind. Lep. Atk., p. 226, (1887). Darjiling.

4694. CRAMBUS CONSOCIELLUS.

Crambus consocicllus, Walker, Cat. Lep. Het. B. M. xxvii, p. 159, (1863).

Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Bengal.

Also recorded from North America.

4695. Crambus hapaliscus.

Crambus hapaliscus, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl., p. 71, (1852)*.

Monog. Chilo et Cramb., p. 17, (1863)*.

Crambus concinctlus, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1863).

Meyrick, Proc. Linn. Soc. New South Wales, iii, p. 182, (1878).

Ceylon, Australia, Africa.

4696. CRAMBUS LUTEELLUS.

Crambus luteellus, Schiff, Wien, Verz., p. 134, (1776).*

Walker, Cat. Lep. Het. B. M. xxvii, p. 154, (1863).

Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Campbellpur (Punjab), Japan, Europe.

4697. CRAMBUS MALACELLUS.

Crambus malucellus, Dup., Chilo. et Cramb. Genera. p. 17.*
Zeller, Stett. Ent. Zeit. 1867, p. 390.
Cherrapunji, Europe.

4698. CRAMBUS MULTIVAGELLUS.

Crambus multivagellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462. Collection Swinhoe, Mhow.

4699. CRAMBUS PARALLELUS.

Crambus parallelus, Zeller, Stett. Ent. Zeit. 1867, p. 389, pl. 2, fig. 1. Darjiling.

4700. CRAMBUS PARTELLUS.

Crambus partellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. 462.

Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

4701. CRAMBUS SCITULELLUS.

Crambus scitulellus, Walker, Cat. Lep. Het. B. M., xxxv, p. 1755, (1866). South India.

4702. CRAMBUS TODARIUS.

Crambus todarius, Butler, Proc. Zool. Soc. Lond. 1883, p. 173. Collection Swinhoe, Nilgiri Hills.

4703. CRAMBUS ZONELLUS.

Crambus zonellus, Swinhoe, Proc. Zool. Soc. Lond. 1881, p. 538, pl. 48, fig. 16.

Collection Swinhoe, Karachi. Allied to C. decolorellus.

Genus Tauba.

4704. TAUBA VENOSELLA.

Tauba venosella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1767, (1866). Loryma venosella, Moore, Lep. Ceyl. iii, p. 377, (1886).

Ceylou.

Genus Pelena.

4705. PELENA UNICOLOR.

Pelena unicolor, Moore, Lep. Coyl. iii, p. 386, pl. 184, fig. 16, (1886). Ceylon.

Genus Libuna.

4706. LIBUNA SOLITELLA.

Bulina solitella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1767, (1866). Libuna solitella, Moore, Lep. Ceyl. iii, p. 379, (1886). Ceylon.

Genus Argyria.

4707. ARGYRIA NIGROCILIELLA.

Argyria nigrociliella, Klr., MSS.

Zeller, Monog. Chilo. et Cramb., p. 52, (1863).*

Walker, Cat. Lep. Het. B. M. xxx, p. 978, (1864).

Bombay.

FAMILY ANCYLOLOMIDÆ.

Genus Ancylolomia.

4708. ANCYLOLOMIA ARGENTATA.

Ancylolomia argentata, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 3, (1886) Ceylon,

4709. ANCYLOLOMIA BASISTRIGA.

Ancylolomia basistriga, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 1, (1886). Ceylon.

4710. ANCYLOLOMIA TAPROBANENSIS.

Ancylolomia tapra	obanensis, Zeller, Monog. Chilo. et Cramb, p. 9, (18	63).*
	Hora, Ent. Ross. (1877), p. 25,	, pl. 1,
	fig. 8.*	
	Walker, Cat. Lep. Het. B. M. xxx, p	. 969,
	(1864).	
	Moore, Lep. Ceyl. iii, p. 381, pl. 184, f	igs. 2,
	2a, (1886).	•
Ceylon.	,	

Genus Jartheza.

4711. JARTHEZA CASSIMELLA.

Jartheza cassimella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41, figs. 4 and 6.

Collection Swinhoe, Mhow. Allied to J. xylinella.

4712. JARTHEZA CHRYSOGRAPHELIA.

Chilo chryso; Jartheza chr	graphellus, ysographello	Kollar, I ı, Walke	Hüg. Kasch. i er, Cat. Lep. (1863).	v, p. 494, (Het. B. 1	(1848). M. xxvii,	р. 184.
		Butler	Proc. Zool.	Soc. Lond.	. 1883. p.	173 : and
		Dittion	1886, p. 39		, 2 000, p	., .,
		Swinh	oe, Proc. Zool.	Soc. Lond	. 1885, p.	879 ; and
			1886, p.	461.		
Ancyloloma	chrysograph	ella, Wa	arren, Proc. Z	ool. Soc. L	ond. 1888	, p. 337.
Nilgiri I	Iills.		Calcutta, I		Mhow,	Poona,
Also record	ed from Co	evlon. (China, and .	Africa.		

4713. JARTHEZA BIPLAGELLA.

Jartheza biplugella, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34, fig. 9.

Bembay.

4714. JARTHEZA INDICA.

Ancylolomia indica, Felder & R. Reise, Novara, pl. 137, fig. 19, &, Calcutta.

4715. JARTHEZA OBSTITELLA.

Jartheza obstitella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880, pl. 57, fig. 3.

Collection Swinhoe, Poona.

4716. JARTHEZA RESPONSELLA.

Jartheza responsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863). N. India.

4717. JARTHEZA XYLINELLA.

Jartheza xylinella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863). Nepal.

Genus Pindicitora.

4718. PINDICITORA THYSBESALIS.

Pindicitora thysbesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 135, (1863). Pindicitora (?) zeuxoalis, Walker, loc. cit. Surattha zeuxoalis, Moore, Lep. Ceyl. iii, p. 378, (1886). Ceylon.

Genus Surattha.

4719. SURATTHA ACREONALIS.

Pindicitora acreonalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 136, (1863), Surattha acreonalis, Moore, Lep. Ceyl. iii, p. 379, (1886). Ceylon.

4720. SURATTHA ALBIPENNIS.

Surattha albipennis, Butler, Proc. Zool. Soc. Lond. 1886, p. 383. Collection Swinhoe, Punjab, Karachi. Allied to S. invectalis.

4721. SURATTHA ALBIRENELLA.

Calarina albirenella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1770, (1866). South India, Java.

4722. SURATTHA ANNUSALIS.

Pindicitora (?) annusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 136, (1863). Surattha annusalis, Moore, Lep. Ceyl. iii, p. 378, (1886). Ceylon.

4723. SURATTHA INVECTALIS.

Collection Swinhoe, Mhow, Satara, Poona.

Also recorded from Ceylon.

Genus Mesolia.

4724. MESOLIA PANDAVELLA.

Mesolia pandavella, Rag., Ann. Soc. Ent. France, 1888, p. 282. South India.

FAMILY GALLERIDÆ.

Genus Galleria.

4725. GALLERIA MELLONELLA.

Collection Swinboe, Poona. Also recorded from Europe.

Genus Propachys.

4726. PROPACHYS FASCIALIS.

Propachys fascialis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665. Bengal.

4727. PROPACHYS LINEALIS.

Propachys linealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665, pl. 33, fig. 17; and 1877, p. 620.

Darjiling, Andaman Islands.

4728. PROPACHYS NIGRIVENA.

Propachys nigrivena, Walker, Cat. Lep. Het. B. M. xxvii, p. 7, (1863).

Moore, Proc. Zool. Soc. Loud. 1867, p. 665.

Collection Swinhoe, Darjiling.
Also recorded from China.

Genus Oryba.

4729. ORYBA FLAVIPLAGA.

Oryba flaviplaga, Walker, Cat. Lep. Het. B. M. xxvii, p. 11, (1863). Collection Swinhoe, Simla.

Genus Toccolosida.

4730. Toccolosida Rubricers.

Toccolosida rubriceps, Walker, Cat. Lep. Het. B. M. xxvii, p. 14, (1863).

Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Sylhet.

Genus Midea.

4731. MIDEA RECTALIS.

Midea rectalis, Walker, Cat. Lep. Het. B. M xxvii, p. 21, (1863); and xxxv, p. 1701, (1866).

Punjab, Ceylon, Borneo.

Genus Lamoria.

4732. LAMORIA ANELLA.

Tinea anella, Schiff., Wien, Verz., p. 135, (1776).*
Galleria anella, Zink., Sommer. Germ. Mag. Ent. iv, p. 243.*
Tinea (Pyralis) sociella, Hübn., Eur. Schmett. Tin., p. 4, fig. 24.*
Kandahar, Poona, Europe, Africa.

4733. LAMORIA DEPRESSELLUS.

Melissoblaptes depressellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876, pl. 57, fig. 5.

Collection Swinhoe, Poona.

4734. LAMORIA PLANALIS.

Collection Swinhoe, Karachi, Bombay, Poona. Also recorded from Ceylon, Allahabad, and Africa.

Genus Rhangena.

4735. RHANGENA ROSEIPENNIS.

Rhangena roseipennis, Moore, Lep. Ceyl. iii, p. 376, pl. 184, fig. 12, (1886). Ceylon.

Genus Trachylepidia.

4736. TRACHYLEPIDIA FRUCTICASSIELLA.

Trachylepidia fructicassiella, Rag., Ann. Soc. Ent. France, 1887, p. 260. Punjab.

TRIBE TORTRICES.

FAMILY TORTRICIDÆ.

Sub-Family TORTRICINÆ.

Genus Teras.

4737. TERAS DIVISANA. Teras divisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863). --- Moore, Lep. Ceyl. iii, p. 491, (1887). Ceylon. 4738. TERAS EXTENSANA. Teras extensana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863). —— Moore, Lep. Ceyl. iii, p. 492, (1887). Ceylon. Genus Cacoecia. 4739. CACOECIA MICACEANA. Cacoëcia micaccana, Walker, Cat. Lep. Het. B. M. xxviii, p. 314, (1863). Collection Swinhoe, Solun, Kulu, Sikkim, Poona, Nilgiri Hills. Also recorded from China. 4740. CACOECIA SEMIALBANA. Cacoecia semialbana, Guén., Ann. Soc. Ent. France, 1845, Ind. 5, (?) - Walker, Cat. Lep. Het. B. M. xxvii, p. 216, (1863).* - Staudinger & Wocke, Cat. ii, p. 236, No. 693, (1871).* Collection Swinhoe, Solun, Sikkim. Also recorded from Europe. 4741. CACOECIA SIMULANA. Godana simulana, Walker, Cat. Lep. Het. B. M., xxxv, p. 1801, (1866). Cacoëcia simulana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337. Abbotabad (Punjab), Java.

Genus Pandemis.

4742. PANDEMIS DISPILANA.

Pandemis dispilana, Walker, Cat. Lep. Het. B. M. xxx, p. 983, (1864). Bhootan.

4743. PANDEMIS EDUCTANA.

Pandemis eductana, Walker, Cat. Lep. Het. B. M. xxviii, p. 310, (1863). India.

Genus Cnephasia.

4744. CNEPHASIA FLEXILINEANA.

Sciaphila flexilineana, Walker, Cat. Lep. Het. B. M. xxviii, p. 345, (1863). Cnephasia flexilineana, Moore, Lep. Ceyl. iii, p. 494, 1887. Ceylon.

4745. CNEPHASIA (?) PERFECTANA.

Sciaphila (?) perfectana, Walker, Cat. Lep. Het. B. M. xxviii, p. 347, (1863). Nilgiri Hills.

Genus Tortrix.

4746. Tortrix affinisana.

Tortrix affinisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).

Moore, Lep. Ceyl. iii, p. 493, (1887).

Cevlon.

4747. TORTRIX COFFEARIA.

Tortrix coffearia, Neitner, Obs. on Enemies of Coffee Tree in Ceylon, p. 24,

(1861).*

Nietner, loc. cit., new edition, p. 16, (1880).

Guér., Rev. et Mag. de Zool. 1864, p. 61.

Moore, Lep. Ceyl. iii, p. 494, (1887).

Ceylon.

4748. TORTRIX DETRACTANA.

Tortrix detractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 326, (1863).

Moore, Lep. Ceyl. iii, p. 493, (1887).

Ceylon.

4749. TORTRIX FIMBRIANA.

Tortrix fimbriana, Walker, Char. Undescr. Lep. Het., p. 101, (1869). Benares.

4750. TORTRIX INVALIDANA.

Tortrix invalidana, Walker, Cat. Lep. Het. B. M. xxviii, p. 327, (1863).

Moore, Lep. Ceyl. iii, p. 493, (1887).

Ceylon.

4751. TORTRIX PUSILLANA.

Tortrix pusillana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).

Moore, Lep. Ceyl. iii, p. 493, (1887).

Ceylon.

Genus Dichelia.

4752. DICHELIA PRIVATANA.

Dichelia privatana, Walker, Cat. Lep. Het. B. M. xxviii, p. 320, (1863). India.

4753. DICHELIA RETRACTANA.

Dichelia retractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 322, (1863).

Walsingham, Proc. Zool. Soc. Lond. 1885, p. 881.

Moore, Lep. Ceyl. iii, p. 492, pl. 208, fig. 11, (1887).

Collection Swinhoe, Bombay.

Also recorded from Dharmsala, Ceylon, Australia.

Genus Xanthosetia.

4754. XANTHOSETIA INNOTANA.

Xanthosetia innotana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337. Kala Pani (Punjab).

[N.B.—The position of the following Genus is doubtful.]

Genus Topadesa.

4755. TOPADESA SANGUINEA.

Topadesa sanguinea, Moere, Deser. Ind. Lep. Atk., p. 280, (1887). Darjiling.

Sub-Family CONCHYLINÆ.

Genus Conchylis.

4756. CONCHYLIS CONJUNCTANA.

Conchylis conjunctana, Walker, [Cat. Lep. Het. B. M. xxxv, p. 1798, (1866).

N. India.

4757. CONCHYLIS FLAVICOSTANA.

Conchylis flavicostana, Walker, Cat. Lep. Het. B. M. xxviii, p. 361, (1863). India.

4758. CONCHYLIS STOLICZKANA.

Conchylis stoliczkana, Moore, Ann. Nat. Hist. (5) i, p. 237, (1878).

2nd Yark. Miss. Lep., p. 16, pl. 1, fig. 14, (1879).

Yarkand.

Sub-Family GRAPHOLITHINÆ.

Genus Platypeplus.

4759. PLATYPEPLUS APROBOLA.

Eccopsis aprobola, Meyr., Trans. Ent. Soc. Lond. 1886, p. 275. Platypeplus aprobola, Moore, Lep. Ceyl. iii, p. 495, pl. 208, fig. 2, (1887). Ceylon.

Genus Penthina.

4760. PENTHINA BRYANA.

Penthina bryana, Felder & R. Reise, Novara, pl. 137, fig. 54, \$\cong\$, (1874).

Ceylon,

Moore, Lep. Ceyl. iii, p. 494, (1887).

Genus Pædisca.

4761. PEDISCA DECOLORANA.

Pædisca decolorana, Freyer, Neue Beitr. 318, 5, p. 48, (1831—48).*

Walker, Cat. Lep. Het. B. M. xxvii, p. 254.

Butler, Proc. Zool. Soc. Lond. 1883, p. 173.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.

Collection Swinhoe, Karachi.

Also recorded from Europe.

Genus Grapholitha.

4762. GRAPHOLITHA CONFERTANA.

Grapholitha confertana, Walker, Cat. Lep. Het. B.M. xxviii, p. 383, (1863).

Ceylon.

Ceylon.

4763. GRAPHOLITHA LOBIFERANA.

Grapholitha lobiferana, Moore, Descr. Ind. Lep. Atk., p. 280, (1887). Darjiling.

4764. Grapifolitha novarana.

Grapholitha novarana, Felder & R. Reise, Novara, pl. 137, fig. 49, 9, (1874).

Moore, Proc. Zool. Soc. Lond. 1877, p. 623.

Nicobar Islands.

4765. GRAPHOLITHA OBTUSANA.

Grapholitha obtusana, Walker, Cat. Lep. Het. B.M. xxviii, p. 388, (1863).

Moore, Lep. Ceyl. iii, p. 495, (1887).

Ceylon.

Genus Carpocapsa.

4766. CARPOCAPSA PINGUISANA.

Carpocapsa pinguisàna, Walker, Cat. Lep. Het. B.M. xxviii, p. 410, (1863). N. India.

Genus Coptoloma.

4767. COPTOLOMA AURANTIANA.

Hemerosia aurantiana, Pryer, Cist. Ent. ii, 235, pl. iv, fig. 12, (1875-82). Collection Swinhoe, Karachi. Also recorded from Shanghai.

Genus Dichrorampha.

4768. DICHRORAMPHA SUBSEQUANA.

Tortrix subsequa Dichrorampha	(1863	ep. Het. B.M. xxvii, p. 281,
		Vocke, Cat. ii, p. 264, 'No. 1284, (1871).* c. Zool. Soc. Lond. 1885, p. 882.
Collection Swi	inhoe, Mhow, Bombay, I	ool. Sec. Lond. 1886, p. 463.

Sub-Family CERACIINÆ.

Genus Cerace.

4769. CERACE GUTTANA.

4770. CERACE ONUSTANA.

Cerace onustana, Walker, Cat. Lep. Het. B. M. xxviii, p. 423, (1863).

Meore, Prec. Zool. Soc. Lond. 1867, p. 668.

Nepal, Sylhet, Sikkim.

4771. CERACE STIPATANA.

Cerace stiputana, Walker, Cat. Lep. Het. B. M. xxviii, p. 422, (1863).

Moore, Proc. Zool. Soc. Lond. 1867, p. 668.

Collection Swinhoe, Darjiling.

Also recorded from China.

4772. CERACE PERDICINA.

Cerace perdicina, Moore, Descr. Ind. Lep. Atk., p. 279, (1887). Darjiling.

4773. CERACE TETRAONIS.

Cerace tetraonis, Butler, Proc. Zool. Soc. Lond. 1886, p. 394.

Murree.

Allied to C. onustana.

Genus Homona.

4774. HOMONA FASCICULANA.

Homona fasciculana, Walker, Cat. Lep. Het. B. M. xxviii, p. 424, (1863).

Moore, Lep. Ceyl. iii, p. 496, (1887).

Ceylon.

FAMILY SIMETHIDE.

Sub-Family SIMÆTHINÆ.

Genus Simæthis.

4775. SIMÆTHIS BUTHUSALIS.

Simæthis buthusalis, Walker, Cat. Lep. Het. B. M. xxviii, p. 454, (1863).

Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4776. SIMETHIS ELATELLA.

Simæthis elatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 455, (1863).

Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4777. SIMETHIS NOVARE.

Choreutes novaræ, Felder & R. Reise, Novara, pl. 138, fig. 14, (1875).

Moore, Proc. Zool. Soc. Lond., 1877, p. 623.

Nicobar Islands.

4778. SIMETHIS TAPROBANES.

Simæthis taprobanes, Zeller, Hor. Ent. Ross. xiii, p. 178, (1878).*

Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

[N.B.—The position of the following genus is doubtful.]

Genus Tortricomorpha.

4779. TORTRICOMORPHA FLAVICEPS.

Tortricomorpha flaviceps, Felder & R. Reise, Novara, pl. 108, fig. 4, (1872).

Sub-Family ATYCHINÆ.

Genus Phycodes.

4780.	PHYCODES	HIRUDINICORNIS,
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	Phycodes hirudinicornis, Guén., Noct. ii, 389, 1249, (1857).*
•	Walker, Cat. Lep. Het. B. M. xii, p. 979, (1857).
	Walsingham, Proc. Zool. Soc. Lond., 1885, p. 881.
	Moore, Proc. Zool. Soc. Lond. 1867, p. 63; and
	1881, p 377.
•	Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
•	Warren, Proc. Zool. Soc. Lond. 1888. p. 337.
	Tegna hyblactla, Walker, loc. cit. xxxv, p. 1810, (1866).
•	Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 413, pl. 15,
	fig. 10,
•	Butler, Proc. Zool. Soc. Lond. 1883, p. 174; and 1886,
	p. 394.
(Collection Swinhoe, Punjab, Kulu, Mhow, Poona.
4781. P	HYCODES MACULATA.
	Phycodes maculata, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.
•	Darjiling, Punjab. Descr. Ind. Lep. Atk. ii, p. 152, (1882).

4782. PHYCODES MINOR.

Phycodes minor, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.

Descr. Ind. Lep. Atk. ii, p. 152, (1882).

Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Collection Swinhoe, Kulu,

4783. Phycodes tortricina.

Phycodes tartricina, Moore, Proc. Zool, Soc. Lond. 1881, p. 378. Kanara.

FAMILY TINEIDÆ.

Sub-Family LIPUSINÆ.

Genus Microcossus.

4784. Microcossus mackwoodii.

Microcossus mackwoodii, Moore, Lep. Ceyl. iii, p. 498, pl. 208, fig. 9, (1887). Collection Swinhoe, Ceylon.

Sub-Family TINEINÆ.

Genus Hapsifera.

4785. HAPSIFERA DEVIELLA.

Drosica (!) deviella, Walker, Cat. Lep. Het. B. M. xxviii, p. 520, (1863).

Hapsifera deviella, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 465.

Collection Swinhoe, Mhow, Poena.

4786. HAPSIFERA EBURNEA.

Hapsifera eburnea, Butler, Proc. Zool. Soc. Lond. 1881, p. 623. Collection Swinhoe, Karachi, Punjab.

4787. HAPSIFERA SECLUSELLA.

Cimitra seclusella, Walker, Cat. Lep. Het. B. M. xxix, p. 780, Q, (1864).

Hapsifera seclusella, Moore, Lep. Ceyl. iii. p. 499, pl. 208, figs. 12 and 13, Q, (1887).

Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Ceylon, Punjab.

Genus Euplocamus.

4788. Euplocamus strigosa.

Euplocamus strigosa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887). Darjiling.

Genus Blabophanes.

4789. BLABOPHANES INSULARIS.

Blabophanes insularis, Felder & R. Reise, Novara, pl. 140, fig. 21, , (1875).

Moore, Proc. Zool. Soc. Lond., 1877, p. 623.

Nicobar and Andaman Islands.

4790. BLABOPHANES LONGELLA.

Tinea longella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863). Blabophanes longella, Moore, Lep. Ceyl. iii, p. 503, pl. 209, fig. 1, (1887). Collection Swinhoe, Nilgiri Hills. Also recorded from Ceylon.

Genus Machæropteris.

4791. MACHÆROPTERIS RECEPTELLA.

Tinea receptella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).

Machæropteris receptella, Moore, Lep. Coyl. iii, p. 502, pl. 208, fig. 14, (1887).

Ceylon.

Genus Tines.

4792. TINEA AMANDATELLA.

Tinea amandatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480, (1863).

Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4793. TINEA ARENATELLA.

Tinca arenatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864).

Ceylon.

Ceylon.

4794. TINEA EGENELLA. Tinea (?) egenella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864). — Moore, Lep. Ceyl. iii, p. 502, (1887). Ceylon. 4795. TINEA FISSELLA. Tinea fissella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480, (1863). - Moore, Lep. Ceyl. iii, p. 501, (1887). Ceylon. 4796. TINEA GLABRELLA. Tinea glabrella, Walker, Cat. Lep. Het. B. M. xxviii, p. 478, (1863). Butler, Proc. Zool. Soc. Lond., 1881, p. 623. - Moore, Lep. Ceyl. iii, p. 500, (1887). Collection Swinhoe, Jhuda and Hydrabad in Sind. Also recorded from Ceylon. 4797. TINEA IMPRESSELLA. Tinea impressella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863). Moore, Lep. Ceyl. iii, p. 500, (1887), Cevlon. 4798. TINEA LONGICORNIS. Tinea longicornis, Stainton, Trans. Ent. Soc. Lond, v. new ser., p. 113. (1859).- Walker, Cat. Lep. Het. B.M. xxx, p. 1004, (1264). - Moore, Proc. Zool. Soc. Lond. 1867, p. 669. Calcutta. 4799. TINEA PARVULELLA. Tinea parvulella, Walker, Cat. Lep. Het. B.M. xxviii, p. 481, (1863). — Moore, Lep. Ceyl. iii, p. 501, (1887). Cevlon. 4800. TINEA PELLIONELLA. Phalæna (Tinea) pellionella, Linn., Syst. Nat., 12th ed., p. 888, (1767). Tinea pellionella, Fabr. Ent. Syst., 659, (1775). -- Stephens, Ill. Haust. iv, 345, (1834).* - Zeller, Isis, 708, (1838).* – Stainton, Ins. Brit. Tineina, p. 33, (1854).* - Walker, Cat. Lep. Het. B.M. xxviii, p. 468, (1863).

4801. TINEA SACERDOS.

Ceylon, Europe.

Tinea sacerdos, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882. Collection Swinhoe, Bombay.

- Moore, Lep. Ceyl. iii, p. 500, (1887).

- Staudinger & Wocke, Cat. ii, p. 270, No. 1405, (1871).*

4802. TINEA SPERNATELLA.

Tinea spernatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1044, (1864).

Tinea inconcisella, Walker, loc. cit. xxx, p. 1004, (1864). Nom. preoc.

Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4803. TINEA SUBOCHRACEELLA.

Tinea subochraceella, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 464, pl. 41, fig. 9.

Collection Swinhoe, Mhow.

4804. TINEA TAPETZELLA.

 Phalæna (Tinea) tapetiella, Linn., Syst. Nat. x, 536, (1758).*

 loc. cit. xii, 888, (1767).

 Clerck, Icones, pl. xi, fig. 12, (1759).

 Tinea tapetzella, Müller, Faun. Ins. Frid., p. 56, (1764).*

 Stephens, Ill. Haust. iv, p. 343, (1835).*

 Stainton, Ins. Brit. Tineina, p. 28, (1864).*

 Walker, Cat. Lep. Het. B.M. xxviii, p. 466, (1863).

 Standinger & Wocke, Cat. ii, p. 269, No. 1374, (1871).*

 Moore, Lep. Ceyl. iii, p. 499, (1887).

 Ceylon, Europe, America, Madeira, New Zealand, Australia.

Genus Setomorpha.

4805. SETOMORPHA TINEOIDES.

Setomorpha tineoides, Walsingham, Proc. Zool. Sec. Lond. 1886, p. 465, pl. 44, fig. 8.

Collection Swinhoe, Mhow.

Genus Eriocottis.

4806. ERIOCOTTIS FUSCANELLA.

Eriocottis fuscanella, Zeller, Isis, p. 813, (1847).*

Walker, Cat. Lep. Het. B. M. xxviii, p. 486, (1863).

Butler, Proc. Zool. Soc. Lond. 1881, p. 624.

Karachi.

[N.B.—The position of the following Genera is doubtful.]

Genus Alavona.

4807. ALAVONA BARBARELLA.

Alavona barbarella,	Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).
	Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
	Butler, Ann. Mag. Nat. Hist. (5) v. p. 226, (1880).
	Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
	Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
de	Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Collection Swinho	e. Mhow. Poona.

Also recorded from the Punjab.

4808. Alavona cossinella.

Alavona cossinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866). South India.

4809. ALAYONA COSSUSELLA.

Alavona cossusella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863);
and xxxv, p. 1816, (1866).
Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
Collection Swinhoe, Mhow, Poona, Karachi.

4810. ALAVONA INDECORELLA.

Alavona indecorella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 464.

Collection Swinhoe, Mhow.

4811. Alayona intermediella.

Alarona intermedicila, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866). N. India.

4812. ALAYONA MINOR.

Alarona minor, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 464, pl. 41, figs. 10, 11.

Collection Swinhoe, Mhow.

4813. ALAVONA TAPROBANA.

Alavona taprobana, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 7, 8, 3, 9, (1887).

Ceylon.

4814. ALAVONA THWAITESII.

Alavona thwaitesii, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 3, 4, 3, \$, (1878).

Ceylon.

Genus Cervaria.

4515. CERVARIA XYLINELLA.

Cervaria xylinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866). India.

Genus Porsica.

4816. Porsica ingens.

Porsica ingens, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 21, pl. 104, fig. 9, (1886).

Collection Swinhoe, Darjiling.

Genus Toxaliba.

4817. TOXALIBA REDUCTELLA.

Toxaliba reductella, Walker, Cat. Lep. Het. B. M. xxviii, p. 516, (1863).

Nepal.

4818. TOXALIBA UMBRIPENNIS.

Toxaliba umbripennis, Moore, Descr. Lep. Ind. Atk., p. 281, (1887). Darjiling.

Genus Torna.

4819. Torna invariella.

Torna invariella, Walker, Cat. Lep. Het. B. M. xxviii, p. 517, (1863). N. India.

Genus Casmara.

4820. CASMARA INFAUSTELLA.

Casmara infaustella, Walker, Cat. Lep. Het. B. M. xxviii, p. 518, (1863). N. India.

Genus Gargetta.

4821. GARGETTA COSTIGERA.

Collection Swinhoe, Darjiling.

Sub-Family MICROPTERYGINÆ.

Genus Micropteryx.

4822. MICROPTERYX ACUTIPENNIS.

Micropteryz (?) acutipennis, Walker, Cat. Lep. Het. B. M. xxviii, p. 495, (1863).

South India.

4823. MICROPTERYX UNICELLA.

Micropteryx (?) unicella, Walker, Cat. Lep. Het. B. M. xxviii, p. 496, (1863).

N. India.

Sub-Family ADELINÆ.

Genus Adela.

4824. ADELA ATKINSONII.

Adela atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 282, (1887). Darjiling.

4825. ADELA CRŒSELLA.

4826. Adela gemmella.

Adela gemmella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 81, pl. 11, fig 8.

Dharmsala.

4827. ADELA GRISEELLA.

Adela griseella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 82, p l. 11, figs. 9, 9 a.

Dharmsala.

4528. ADELA LATIFASCIELLA.

Adela latifasciella, Warren, Proc. Zool. Soc. Lond. 1888, p. 338. Thundiani (Punjab).

Genus Nemotois.

4829. NEMOTOIS INDICA.

Nemotois indica, Walker, Cat. Lep. Het. B. M. xxviii, p. 504, (1863). South India.

Sub-Family HYPONOMEUTINÆ.

Genus Hyponomeuta.

4830. HYPONOMEUTA ALIENELLUS.

4831. HYPONOMEUTA BRUNNESCENS.

Hyponomeuta brunnescens, Moore, Descr. Ind. Lep. Atk., p. 282, (1887). Darjiling.

4832, HYPONOMEUTA LAPIDELLA.

Hyponomeuta lapidella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 86, pl. 12, fig. 1.

Dharmsala.

4833. HYPONOMEUTA LINEATONOTELLA.

Hyponomeuta lineatonotella, Moore, Proc. Zool. Soc. Lond. 1867, p. 669, pl. 33, fig. 18.

Collection Swinhoe, Sikkim.

4834. HYPONOMEUTA MALINELLUS.

Hyponomeuta malinellus, Zeller, Isis, 1814. p. 220.

Walker, Cat. Lep. Het. B.M. xxviii, p. 529, (1863).

Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Poona. Also recorded from Europe.

4835. Hyponomeuta millepunctatellus.

Hyponomeuta millepunctatellus, Warren, Proc. Zool. Sec. Lond. 1888, p. 338. Kala Pani, Punjab.

4836. Hyponomeuta minuellus.

Hyponomeuta minuellus, Walker. Cat. Lep. Het. B. M. xxviii, p. 533. (1863).

Nepal, China.

Genus Prays.

4837. PRAYS PLAGIFERELLA.

Prays '?) plagiferella, Walker, Cat. Lep. Het. B. M. xxviii, p. 540, (1863).

Moore, Lep. Ceyl. iii, p. 505, (1887).

Ceylon.

FAMILY PLUTELLIDÆ.

Sub-Family PLUTELLINÆ.

Genus Cerostoma.

4138. CEROSTOMA ALBOFASCIELLA.

Cerostoma albofo	sciella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p.
	114, (1858-61).
	(1864).
	Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
Talantta	

4839. Cerostoma rugosella.
Cerostoma rugosella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 113, (1858-61). Walker, Cat. Lep. Het. B. M. xxx, p. 1017, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 669. Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.
Collection Swinhoe, Bombay, Poona. Also recorded from Calcutta.
Sub-Family GELECHINÆ.
Genus Macrornis.
4840. Macrernis heliapta.
Macrernis heliapta, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275. Ceylon.
Genus Anarsia.
4841. Anarsia candida.
Anarsia candida, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 114, (1858-61). Walker, Cat. Lep. Het. B. M. xxix, p. 662, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 670. Calcutta.
4842. Anarsia monetella.
Anarsia (?) monetella, Felder & R. Reise, Novara, pl. 139, fig. 19, &,
(1875). ———————————————————————————————————
Genus Chelaria.
4843. Chelaria indica.
Chelaria indica, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884. Collection Swinhoe, Bombay.
Genus Parasia.
1844. Parasia apicipunctella.
Parasia (?) apicipunctella, Stainton, Trans. Ent Soc. Lond. v, new ser., p. 119, (1858-61). Walker, Cat. Lep. Het. B. M, xxx, p. 1028, (1864).
Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Genus Gelechia.

4845. GELECHIA AFFIXELLA.

Gelechia affixella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).

Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4846. GELECHIA AGNATELLA.

Gelechia agnatella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864).

Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4847. GELECHIA ALBATELLA.

Gelechia albatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).

Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4848. Gelechia alienklla.

4849. Gelechia alternella.

Gelechia alternella, Walker, Cat. Lep. Het. B. M. xxx, p. 1023, (1864).

Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4850. GELECHIA AMICELLA.

Gelechia amicella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).

Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4851. GELECHIA ANGUSTELLA.

Gelechia angustella, Walker, Cat. Lep. Het. B. M. xxix, p. 637, (1861).

Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4852. GELECHIA ANIMOSELLA.

Gelechia animosella, Walker, Cat. Lep. Het. B. M. xxx, p. 1022, (1864).

Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4853. Gelechia aptatella.

Gelechia aptatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).

Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4854. GELECHIA ARCTELLA.

Gelechia arctella, Walker, Cat. Lep. Het. B. M. xxix, p. 635, (1864).

Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4855. Gelechia cornutella.

Gelechia cornutella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).

Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4856. GELECHIA DEDUCTELLA.

Gelechia deductella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).

Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4857. GELECHIA EUCERELLA.

Geleckia eucerella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).

Moore, Lep. Ceyl. iii, p. 510, (1887).

4858. Gelechia hibisci.

Gelechia (?) hibisci, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117, (1858-61).

Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).

Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

4859. GELECHIA IMMERITELLA.

Gelechia immeritella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).

Ceylon.

Ceylon.

4860. GELECHIA MARGINIPUNCTELLA.

Gelechia marginipunctella, Stainton, Trans. Ent. Soc. Lond. v, new ser.,
p. 118, (1858-61).
Walker, Cat. Lep. Het. B. M. xxix, p. 629,
(1864).

4861. GELECHIA NEGATELLA.

Gelechia negatella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).

Ceylon.

Ceylon.

4862. GELECHIA OBLIGATELLA.

Gelechia obligatella, Walker, Cat. Lep. Hot. B. M. xxx, p. 1023, (1864).

Ceylon, Moore, Lep. Ceyl. iii, p. 508, (1887).

4863. GELECHIA PATULELLA. Gelechia patulella, Walker, Cat. Lep. Het, B. M. xxix, p. 635, (1864). -- Moore, Lep. Ceyl, iii, p. 510, (1887). Ceylon. 4864. Gelechia pubescentella. Gelechia (?) pubescentella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117, (1858-61). Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).- Moore, Proc. Zool. Soc. Lond. 1867, p. 670. Calcutta. 4865. Gelechia sepositella. Gelechia sepositella, Walker, Cat. Lep. Het. B. M. xxix, p. 630, (1864). — Moore, Lep. Ceyl. iii, p. 513, (1887). Ceylon. 4866. Gelechia signifera. Gelechia signifera, Felder & R. Reise, Novara, pl. 139, fig. 23, 9, (1875). - Moore, Lep. Ceyl. iii, p. 508, (1887). Ceylon. 4867. Gelechia simpliciella. Gelechiu simpliciella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 118, (1858-61).- Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864). - Moore, Proc. Zool. Soc. Lond. 1867, p. 670. Calcutta. 4868. GELECHIA STRENUELA. Gelechia strenuella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864). — Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4869. Gelechia tetraspilella.

Gelechia tetraspilella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864). Moore, Lep. Ceyl. iii, p. 512, (1887). Phosaccs tetraspilella, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275. Cevlon.

4870. GELECHIA TRANSACTELLA.

Gelechia transactella, Walker, Cat. Lop. Het. B. M. xxix, p. 630, (1864). South India.

4871. GELECHIA UMBRIPENNIS.

Gelechia umbripennis, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884. Collection Swinkoe, Poona, Bombay.

Genus Ypsolophus.

4872. YPSOLOPHUS ROBUSTUS.

Ypsolophus robustus, Butler, Proc. Zool. Soc. Lond. 1883, p. 174. Collection Swinhoe, Karachi, Hubb.

Genus Strobisia.

4873. STROBISIA AURANTIACA.

Strobisia aurantiaca, Walsingham, in Moore's Lep. Ceyl. iii, p. 518, pl. 209, fig. 6, (1887).

Ceylon.

Genus Meridarchis.

4874. MERIDARCHIS TRAPEZIELLA.

Meridarchis trapeziella, Zeller, Stett. Ent. Zeit. 1867, p. 408, pl. 2, fig. 5. Collection Swinhoe, Darjiling.

Genus Hermogenes.

4875. HERMOGENES ALIFERELLA.

Hermogenes aliferella, Zeller, Stett. Ent. Zeit. 1867, p. 410. East Indies.

[N.B.—The position of the following genera is doubtful.]

Genus Tipha.

4876. TIPHA IRRORELLA.

Tipha irrorella, Walsingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 9, 3, (1887).

Ceylon.

4877. TIPHA TINCTELLA.

Tipha tinctella, Walshingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 11, (1887).

Ceylon.

Genus Binsitta.

4878. BINSITTA NIVIFERANA.

Binsitta	niviferana, Walker, Cat. Lep. Het. B. M. xxix, p. 832, (1864).
	Moore, Proc. Zool. Soc. Lond. 1867, p. 670; and 187
	p. 623.
	Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
	on Swinhoe, Solun, Calcutta, Bombay.
Also rec	erded from the Andaman Islands.

Genus Ippa.

4879. IPPA VACIVELLA.

Ippa vacivella, Walker, Cat. Lep. Het. B. M. xxix, p. 781, (1864). N. India.

Genus Gerontha.

4880. GERONTHA CAPTIOSELLA.

Gerontha captiosella, Walker, Cat. Lep. Het. B. M. xxix, p. 782, (1864).

Moore, Lep. Ceyl. iii, p. 521, (1887).

Ceylon.

Genus Davendra.

4881. DAVENDRA FLAVIBASA.

Davendra flavibasa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887). Darjiling.

4882. DAVENDRA MACKWOODII.

Davendra mackwoodii, Moore, Lep. Ceyl. iii, p. 520, pl. 211, fig. 13, ♀, (1887).

Ceylon.

Genus Timyra.

4883. TIMYRA CINGALENSIS.

Timyra cingalensis, Walsingham, in Moore's Lep. Ceyl. iii, p. 522, pl. 209, fig. 12, (1887).

Ceylon.

4884. TIMYRA PHYCISELLA.

Timyra phycisella, Walker, Cat. Lep. Het. B. M. xxix, p. 783, \$, (1864).

Moore, Lep. Ceyl. iii, p. 522, (1887).

Uipsa perionella, Walker, loc. cit. xxix, p. 828, \$\mathbb{2}\$, (1864).

Ceylon.

Genus Onebala.

4885. ONEBALA BLANDIEULA.

Onebala blandiella, Walker, Cat. Lep. Het. B. M. xxix, p. 792, (1864).

Moore, Lep. Ceyl. iii, p. 514, (1887).

Ceylon.

Genus Gaphara.

4886. GAPHARA RECITATELLA.

Gaphara recitatella, Walker, Cat. Lep. Het. B. M. xxix, p. 791, (1864).

Moore, Lep. Ceyl. iii, p. 515, (1887).

Ceylon.

Genus Ficules.

4887. FICULEA BLANDULELLA.

Ficulea blandulella, Walker, Cat. Lep. Het. B. M. xxix, p. 795, (1864).

Ceylon.

Moore, Lep. Ceyl. iii, p. 515, (1887).

Genus Frisilia.

4888. FRISILIA NESCIATELLA.

Genus Decuaria.

4889. DECUARIA MENDICELLA.

Genus Gesa.

4890. GÆSA DECUSELLA.

Gasa decusella, Walker, Cat. Lep. Het. B. M. xxix, p. 804, (1864).

Ceylon,

Ceylon,

Genus Tipasa.

4891. TIPASA BASALIELLA.

<u>Tipasa basaliella</u>, Walker, Cat. Lep. Het. B. M. xxix, p. 805, (1864).

Ceylon.

Ceylon.

Genus Gasmara.

4892. GASMARA CŒLATELLA.

Genus Gargela.

4893. GARGELA SUBPURELLA.

Gargela subpurella, Walker, Cat. Lep. Het. B. M. xxix, p. 815, (1864).

Ceylon.

Ceylon.

Genus Thisizima.

4894. THISIZIMA CERATELLA.

Thisizima ceratella, Walker, Cat. Lep. Het. B.M. xxix, p. 820, (1864). India.

Genus Cyme.

4895. CYME ORBICULARIS.

Cyme (?) orbicularis, Felder & R. Reise, Novara, pl. 140, fig. 27, 2, (1875)-Syme orbicularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 623.

Nicobar and Andaman Islands.

Genus Sagora.

4896. SAGORA RUTILELLA.

Sagora rutilella, Walker, Char. Undescr. Lep. Het., p. 101, (1869).

Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p. 237, (1884).

Benares.

Genus Nosymna.

4897. Nosymna repletella.

Nosymna repletella, Walker, Cat. Lep. Het. B.M. xxix, p. 831, (1864).

Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p. 237, (1884).

Nemotha (Cachar), Borneo.

Sub-Family DEPRESSARIINÆ.

Genus Depressaria.

4898. Depressaria angusta.

Depressaria angusta, Walsingham, in Moore's Lep. Ceyl. iii, p. 508, pi. 209, fig. 5, (1887).

Ceylon.

4899. Depressaria continctella.

Depressaria continctella, Walker, Cat. Lep. Het. B.M. xxix, p. 565, (1863).

India.

4900. Depressaria Gossypiella.

Depressaria gossypiella, Saunders, Trans. Ent. Soc. (1) iii, p. 285, (1842).

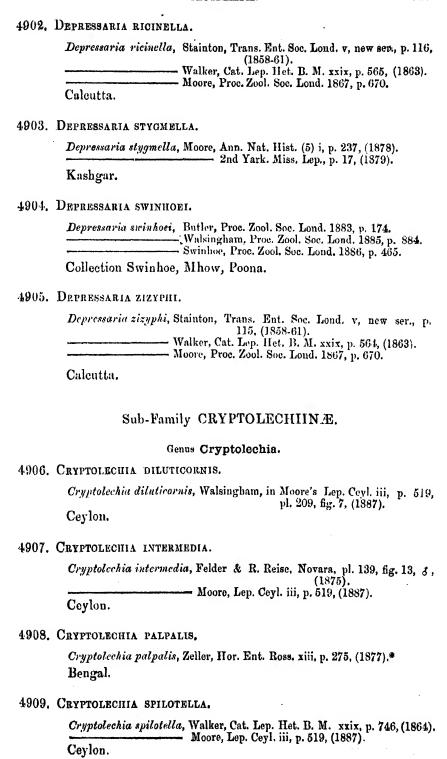
Collection Swinhoe, Cawnpore (?)

Also recorded from Broach, where it has proved destructive to cotton.

4901. Depressaria ricini.

Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.



4910. CRYPTOLECHIA TRIPUSTULATA.

Cryptolechia tripustulata, Walsingham, in Moore's Lep. Ceyl. iii, p. 520, pl. 209, fig. 8, (1887). Ceylon.

Sub-Family ŒCOPHORINÆ.

Genus Psecadia.

4911. PSECADIA ERMINEELLA.

Psecadia ermineella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl. 12, fig. 7.

Dharmsala.

4912. PSECADIA HOCKINGELLA.

Psecadia hockingella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl. 12, figs. 8, 9, 9a.

Collection Swinhoe, Dharmsala, Kulu.

Genus Œcophora.

4913. ŒCOPHORA SUBGANOMELLA.

Ecophora subganomella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 119, (1858-61).

Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

[N.B.—The position of the following genera is doubtful.]

Genus Atteva.

4914. ATTEVA IMPARIGUTTELLA.

Eeta impariguttella, Zeller, Hore Ent. Soc. Ross. 1877, p. 224, pl. 3, fig. 77.*

Atteva impariguttella, Moore, Lep. Ceyl. iii, p. 505, pl. 209, fig. 2, (1887).

Ceylon.

4915. ATTEVA NIVEIGUITA.

Atteva niveigutta, Walker, Cat. Lep. Het. B. M. ii, p. 526, (1854).

Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Collection Swinhoe, Sylhet.

4916. ATTEVA NIVEIGUTTELLA.

Corinea niveiguttella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863). Atteva niveiguttella, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883. Collection Swinhoe, Nilgiri Hills, Bombay. Also recorded from Ceylon, Java, Australia.

4917. ATTEVA PULCHELLA.

Atteva pulchella, Moore, Descr. Ind. Lep. Atk., p. 282, (1887). India.

Genus Azinis.

4918. AZINIS ASSAMENSIS.

Hyponomeuta assamensis, Butler, Trans. Ent. Soc. Lond. 1879, p. 6. Azinis assamensis, Warren, Proc. Zool. Soc. Lond. 1888, p. 338. Cachar, Punjab.

4919. AZINIS HILARELLA.

Azinis hilarella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863).

Moore, Lep. Ceyl. iii, p. 506, pl. 209, fig. 3, (1887).

Collection Swinhoe, Ceylon.

Genus Theoxenia.

4920. THEOXENIA PENICILIATA.

Theoxenia penicillata, Walsingham, in Moore's Lep. Ceyl. iii, p. 506, pl. 209, fig. 4, 3, (1887).

Collection Swinhoe, Ceylon.

Sub-Family GLYPHYPTERYGINÆ.

Genus Glyphypteryx.

4921. GLYPHYPTERYX APPARITELLA.

Glyphypteryx apparitella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).

Moore, Lep. Ceyl. iii, p. 524, (1887).

Ceylon.

4922. GLYPHYPTERYX SCITULELLA.

Glyphypteryx scitulella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).

Moore, Lep. Ceyl. iii, p. 524, (1887).

Ceylon.

Sub-Family GRACILARINÆ.

Genus Gracilaria.

4923. GRACILARIA AURICILLA.

Gracilaria (!) auricilla,	Stainton, Tran	ns. Ent. Se	oc. Lond.	v, new	ser., n.
		120, (1858-	·61).		
, 	Walker, Cat.	Lep. Hct.	B. M. xxx,	p. 855.	(1864).
	Moore, Proc.	Zool. Sec.	Lond. 1867	7, p. 671	l.
Calcutta.				•	

4924.	GRACILARIA COFFEIFOLIELLA.
	Gracilaria coffeifoliella, Nietner, Obs. on Enemies of Coffee Tree in Ceylon, p. 24, (1861).* loc. cit., new ed., p. 16, (1880).
	Moore, Lep. Ceyl. iii, p. 525, (1887).
	Coylon.
4925.	GRACILARIA FAI,CATELLA.
	Gracilaria (!) falcatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p 121, (1858-61). Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
	Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutta,
4926.	GRACILARIA GEMONIELLA.
	Gracilaria gemoniella, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 297, pl. 10, fig. 6, (1862-64).
	Walker, Cat. Lep. Het. B. M. xxx, p. 854, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutta.
4927.	GRACILARIA NITIDULA.
	Gracilaria nitidula, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 299, pl. 10. fig. 9, (1862-64).
	Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutta.
4928.	GRACILARIA QUADRIFASCIATA.
	Gracilaria quadrifissciata, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 295, pl. 10, fig. 5, (1862-64). Walker, Cat. Lep. Het. B.M. xxx, p. 854, (1864).
	bloore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutta.
4929.	GRACILARIA RESPLENDENS.
	Gracilaria resplendens, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 294, pl. 10, fig. 4, (1862-64).
	Walker, Cat. Lep. Het. B.M., xxx, p. 854, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutta.
4930.	GRACILARIA TERMINALIÆ.
	Gracilaria terminalia, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 298,
	Pl. 10, fig. 8, (1862-64). Walker, Cat. Lep. Het. B.M. xxx, p. 854, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutto

4931.	GRACILABIA USTULATELLA.				
	Gracilaria (?) ustulatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 121, (1858-61).				
	Walker, Cat. Lep. Het. B.M. xxx, p. 855, (1864).				
	Moore, Proc. Zool. Soc. Lond. 1867, p. 671.				
	Calcutta.				
	Genus Coriscium.				
4932.	Coriscium orientale.				
	Coriscium orientale, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 301, (1854-56).				
	Walker, Cat. Lep. Het. B.M. xxx, p. 859, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 671.				
	Calcutta.				
	Genus Ornix.				
4933.	ORNIX ALBIFRONS.				
	Ornix (?) albifrons, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122,				
	Walker, Cat. Lep. Het. B.M. xxx, p. 861, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 671.				
	Calcutta.				
	Sub-Family LAVERNINÆ.				
	Genus Laverna.				
4934.	LAVERNA MIMOSÆ.				
	Laverna (?) mimosæ, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 126,				
	(1858-61).				
	Approximate of shows being freeze ages, spready				
	Sub-Family ELACHISTINÆ.				
	Genus Butalis.				
4935	BUTALIS TRIOCELLATA.				
	Butalis triocellata, Stainton, Trans. Ent. Soc. Lond. v, new scr., p. 120, (1858-61).				
	Walker, Cat. Lep. Het. B. M., xxx, p. 1035, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 670.				
	Calcutta.				
	Genus Cosmopteryx.				
4936	. Cosmopteryx eneella.				
	Cosmopteryx aneella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 124, (1858-61).				
	Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 672.				
	Calcutta.				

4 93 7 .	Cosmopteryx asiatica.
	Cosmopteryx asiatica, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122, (1858-61).
	Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 672.
	Calcutta.
4938.	COSMOPTERYX SEMICOCCINEA.
	Cosmopteryx semicoccinca, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 123, (1858-61). Walker, Cat. Lep. Het. B. M. xxx, p. 1042, (1864).
	Moore, Proc. Zool. Soc. Lond. 1867, p. 672. Calcutta.
	[N. B.—The position of the following genera is doubtful.]
	Genus Eretmocera.
4939.	ERETMOCERA IMPACTELLA.
	Gelechia (?) impactella, Walker, Cat. Lep. Het. B. M. xxix, p. 637, (1864). Eretmocera impactella, Moore, Lep. Ceyl. iii, p. 514, pl. 209, fig. 10, (1887).
	N. India, Ceylon.
	Genus Atkinsonia.
4940.	Atkinsonia clerodendronella.
	Atkinsonia clerodendronella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 125, (1858-61). Walker, Cat. Lep. Het. B. M., xxx, p. 900, (1864).
	Calcutta. Moore, Proc. Zool. Soc. Lond. 1867, p. 672.
	Come Tomortome
4941.	Genus Lozostoma. Lozostoma Flavofasciata.
	Lozostoma flavofasciata, Stainton, Trans. Ent. Soc. Loud., v, new ser.,
	p. 124, (1858-61). Walker, Cat. Lep. Het. B. M. xxx, p. 1041,
	(1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutta.
4942.	Lozostoma semisulphurea.
	Lozostoma semisulphurea, Stainton, Trans. Ent. Soc. Lond, v., new ser.,
	p. 125, (1858-61). Walker, Cat. Lep. Het. B. M. xxx, p. 1041, (1864).
	Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
	Calcutta.

Sub-Family LITHOCOLLETINÆ.

	Genus Lithocolletis.
4943.	LITHOCOLLETIS BAUHINIE.
	Lithocolletis bauhiniæ, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 303, (1854-56). Walker, Cat. Lep. Het. B. M. xxx, p. 911, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 672. Calcutta.
•	Sub-Family LYONETINÆ.
4044	Genus Phylloenistis.
4944.	PHYLLOCNISTIS CITRELLA.
	Phyllocnistis citrella, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 302, (1854-56). Walker, Cat. Lep. Het. B. M. xxx, p. 1043, (1864). Moore, Proc. Zool. Soc. Lond. 1867, p. 672. Calcutta.
	Genus Opogona.
4945.	OPOGONA FUNICEPS.
	Opogona funiceps, Felder & R. Reise, Novara, pl. 139, fig. 8, &, (1875). Moore, Lep. Ceyl, iii, p. 526, (1887). Ceylon,
	[N. B.—The position of the following genus is doub; ful.]
	Genus Cachura.
4916.	CACHURA OBJECTELLA.
	Cachura objectella, Walker, Cat. Lep. Het. B. M. xxx, p. 918, (1864). Moore, Lep. Ceyl. iii, p. 526, (1887).
	Ceylon.

ADDENDA.

FAMILY SPHINGIDÆ.

4A. HEMARIS SIMILLIMA.

Hemaris simillima, Moore, Proc. Zool. Soc. Lond. 1888, p. 391. Kangra Valley. Allied to H. fuciformis.

7. RHOPALOPSYCHE BIFASCIATA.

Collection Swinhoe, Nilgiri Hills.

10. Macroglossa insipida.

Collection Swinhoe, Nilgiri Hills.

11. Macroglossa affictitia.

Collection Swinhoe, Nilgiri Hills.

12. MACROGLOSSA VIALIS.

Collection Swinhoe, Nilgiri Hills.

15. MACROGLOSSA FERVENS.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

19. MACROGLOSSA LUTEATA.

Collection Swinhoe, Andaman Islands.

25. MACROGLOSSA GILIA.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

32. MACROGLOSSA RECTIFASCIA.

Collection Swinhoe, Nilgiri Hills.

49. AMPRLOPHAGA FASCIOSA.

Ampelophaga fasciosa, Moore, Proc. Zool. Soc. Lond. 1888, p. 391. Dharmsala.

Genus Dahira.

61A. DAHIRA RUBIGINOSA.

Dahira rubiginosa, Moore, Proc. Zool. Soc. Lond. 1888, p. 391. Mundi (N.-W. Himalayas).

65. PANACRA AUTOMEDON.

In Phayre Museum (Rangoon) from Pegu.

69. PANACRA VARIOLOSA.

Collection Swinhoe, Sikkim.

77. CYPA INCONGRUENS.

Collection Swinhoe, Sikkim.

83. CHŒROCAMPA ALECTO.

Collection Swinhoe, Ceylon.

84. CHŒROCAMPA ELEGANS.

Collection Swinhoe, Rangoon.

86. CHŒROCAMPA RAFFLESII.

Collection Swinhoe, Nilgiri Hills.

92. CHŒROCAMPA PUELLARIS.

Collection Swinhoe, Solun (Simla).

93. CHŒROCAMPA SILHETENSIS.

Collection Swinhoe, Sikkim. In Phayre Museum (Rangoon) from Pegu.

95. CHEROCAMPA LUCASII.

Collection Swinhoe, Rangoon.

96. CHEROCAMPA TENEBROSA.

Collection Swinhoe, Andaman Islands.

102. CHŒROCAMPA MINOR.

Collection Swinhoe, Darjiling.

107. CHŒROCAMPA EROTUS.

Collection Swinhoe, Andaman Islands.

110. DEILEPHILA LATHYRUS.

Collection Swinhoe, Kumaon.

113. DAPHNIS HYPOTHËUS.

Collection Swinhoe, Andaman Islands.

115. DAPHNIS BHAGA,

Collection Swinhoe, Sikkim.

122. Ambulyx sericeipennis.

Collection Swinhoe, Andaman Islands.

127A. AMBULYX PLACIDA.

Ambulyx placida, Moore, Proc. Zool. Soc. Lond. 1888, p. 390. N.-W. Himalayas.

Allied to A. sericeipennis.

132. Polyptichus dentatus.

Collection Swinhoe, Poona, Belgaum, Bombay, Mhow, Karachi.

133. Polyptichus timesius.

Collection Swinhoe, Sikkim.

133A. Polyptichus trilineatus.

Polyptichus trilineatus, Moore, Proc. Zool. Soc. Lond. 1888, p. 390.

Dharmsala.

Allied to P. dentatus and P. timesius,

134. LEUCOPHLEBIA BOSACEA.

Collection Swinhoe, Nilgiri Hills.

172. PSEUDOSPHINK FO.

Collection Swinhoe, Sikkim.

GROUP BOMBYCES.

FAMILY ÆGERIDÆ.

188. SPHECIA CONTRACTA.

Collection Swinhoe, Sibsaghar.

192. ÆGERIA ALTERNA.

Collection Swinhoe, Rangoon.

196. MELITTIA BOMBYLIFORMIS.

Collection Swinhoe, Rangoon.

199A. MELITTIA KULLUANA.

Melittia kulluana, Moore, Proc. Zool. Soc. Lond. 1888 p. 392. Kulu.

Allied to M. nepcha.

208. SCIAPTERON SIKKIMA.

Collection Swinhoc, Rangoon.

FAMILY ZYGÆNIDÆ.

221. Syntomis artina.

Collection Swinhoe, Nilgiri Hills.

223. Syntomis atkinsoni.

Collection Swinhoe, Mergui, Rangoon.

237. SYNTOMIS EXTENSA.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

240. SYNTOMIS GEORGINA.

Collection Swinhoe, Travancore.

241. SYNTOMIS GODARTI.

Collection Swinhoe, Nilgiri Hills.

252A. SYNTOMIS MINOR.

Syntomis minor, Warren, Proc. Zool. Soc. Lond. 1888, p. 294. Collection Swinhoe, Abbottabad (Punjab).

274. Eressa musa.

Collection Swinhoe, Alibagh.

275. Eressa subaurata.

Collection Swinhoe, Calcutta.

276. Dysauxes indica.

I. M., Calcutta.

283A. EUCHROMIA FRATERNA.

299. ARTONA ZEBRAICA.

Collection Swinhoe, Rangoon.

FAMILY AGARISTIDÆ.

310. Eusemia albomarginata.

Collection Swinhoe, Audaman Islands.

314. Eusemia Basalis.

Collection Swinhoe, Sikkim.

324. Eusemia maculatrix, var.

Collection Swinhoe, North Kanara, Nilgiri Hills.

337. Eusemia vulcania.

Collection Swinhoe, Prome (Burma).

345. ÆGOCERA BIMACULA.

Collection Swinhoe, North Kanara.

347. ÆGOCERA TRIPARTITA.

Collection Swinhoe, Thyetmyo (Burma).

FAMILY CHALCOSIIDÆ.

356. EPICOPEIA PHILENORA.

Collection Swinhoe, Darjiling.

360. PHILOPATOR BASIMACULATA.

Collection Swinhoe, Sikkim.

361. CADPHISES MACULATA.

Collection Swinhoe, Sikkim.

389. HETERUSIA VIRESCENS.

Collection Swinhoe, Nilgiri Hills.

418. Epyrgis imitans.

Collection Swinhoe, Karen Hills.

420. Epyrgis parvula.

Collection Swinhoe, Nilgiri Hills.

451. CHELURA BIFASCIATA.

I. M., Naini Tal.

458. THYMARA CAUDATA.

Collection Swinhoe, Nilgiri Hills.

FAMILY NYCTEMERIDÆ.

462. NYCTEMERA COLETA.

Collection Swinhoe, Rangoon.

469. PITASILA VARIANS.

Collection Swinhoe, Rangoon, Andaman Islands.

471. TRYPHEROMERA PLAGIFERA.

Collection Swinhoe, Nilgiri Hills.

472. LEPTOSOMA LATISTRIGA.

Collection Swinhoe, Bassein, (Burma), Rangoon.

478. CUROBA SANGARIDA.

Collection Swinhoe, Nilgiri Hills.

FAMILY CALLIDULIDÆ.

480. CALLIDULA ANCHORA.

Cullidula anchora, Moore, Proc. Zool. Soc. Lond. 1888, p. 392

FAMILY PSYCHIDÆ.

Genus Psyche.

491A. PSYCHE LONGICAUDA.

Psyche longicauda, Warren, Proc. Zool. Soc. Lond. 1888, p. 299. Cambpellpur (Punjab).

Genus Akesina.

491B. AKESINA BASALIS.

Akesina basalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 396. Dharmsala.

Genus Barandra.

491C. BARANDRA FUMATA.

Barandra fumata, Moore, Proc. Zool. Soc. Lond. 1888, p. 396. Dharmsala.

496A. Mahasena hockingil.

Mahasena hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 397. Dharmsala.

Genus Dasaratha.

497A. DASARATHA HIMALAYANA.

Dasaratha himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 397. Dharmsala.

FAMILY NYCTEOLIDÆ.

502A. EARIAS SULPHURARIA.

Earias sulphuraria, Moore, Lep. Ceyl. iii, p. 490, pl. 208, fig. 10, (1887). Collection Swinhoe, Nilgiri Hills. Also recorded from Ceylon.

FAMILY LITHOSIIDÆ

Sub-Family HYPSINÆ.

520. HYPSA LACTEATA.

Collection Swinhoe, Rangoon.

528. Damalis alcipiron.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

550. DIGAMA INSULANA.

Collection Swinhoe, Nilgiri Hills.

551. DIGAMA MARCHALLI.

Collection Swinhoe, Nilgiri Hills.

Sub-Family LITHOSIINÆ.

593. CAPISSA PALLENS.

Collection Swinboe, Kurseong.

624. BRUNIA ANTICA.

I. M., Calcutta. Collection Swinhoe, Bombay, Thanna.

639A. RŒSELIA ANGULATA.

Ræselia angulata, Moore, Proc. Zool. Soc. Lond. 1888, p. 393. Dharmsala.

639B. RESELIA FRATERNA.

Ræselia fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 393. Kulu.

640A. RESELIA SCRIPTA.

Raselia scripta, Moore, Proc. Zool. Soc. Lond. 1888, p. 393. Dharmsala.

643. NEPITA ANILA.

I. M., Ranchi.

648. NEPITA OCHRACEA.

Collection Swinhoe, North Kanara.

649. NEPITA SEMIFASCIA.

Collection Swinhoe, Nilgiri Hills.

619A. SETINA CALAMARIA.

Setina calamaria, Moore, Proc. Zool. Soc. Lond. 1888, p. 392. Palampore.

676. LYCLENE ARTOCARPI.

Collection Swinhoe, Calcutta.

706. BARSINE RUBRICOSA.

Collection Swinhoe, Nilgiri Hills.

710A. ÆMENE INCONSTANS.

Æmene inconstans, Moore, Proc. Zool. Soc. Lond. 1888, p. 393. Dharmsala.

711A. ÆMENE SAGITTIFERA.

· Æmene sagittifera, Moore, Proc. Zool. Soc. Lond. 1888, p. 392. Dharmsala.

715. ÆMENE TAPROBANIS.

I. M., Ranchi. Collection Swinhoe, Nilgiri Hills.

733. Pentacitrotus vulneratus.

Pentacitrotus vulneratus, Butler. Warren, Proc. Zool. Soc. Lond. 1888, p. 295. Thundiani (Punjab).

741. ARGINA ARGUS.

Collection Swinhce, Nilgiri Hills.

749. ARGINA SYRINGA.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

FAMILY ARCTIIDÆ.

759A. SPILOSOMA SANGATCA.

Spilosoma sangaica, Walker, Cat. Lep. Het. B. M. xxxi, p. 294, (1864).

Warren, Proc. Zool. Soc. Lond. 1888, p. 296.

Murree, China.

762. Phissama transiens.

Collection Swinhoe, Nilgiri Hills, Rangoon.

765. RHODOGASTRIA FRATERNA.

Collection Swinhoe, Karachi.

770. THYRGORINA SPILOSOMATA.

Thyrgorina spilosomata, Walker. Warren, Proc. Zool. Soc. Lond. 1888, p. 297. Abbottabad (Punjab).

771. BUCCEA SIMPLEX.

Collection Swinhoe, Khandalla, North Kanara.

773. TINOLIUS EBURNEIGUTTA.

Collection Swinhoe, Rangoon, Andaman Islands.

774. PHARETRA CONSANGUIS.

Collection Swinhoe, Solun (Simla), Rangoon.

784. GLANYOUS INSOLITUS.

Collection Swinhoe, Sikkim.

785. GLANYOUS TRICOLOR.

Collection Swinhoe, Darjiling.

791. RAJENDRA KHANDALLA.

Collection Swinhoe, Khandalla, Nilgiri Hills.

795. RAJENDRA SIPAHI.

Collection Swinhoe, Bombay, Mahableshwar.

797. RAJENDRA VITTATA.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

800. HYPERCOMPA FLAVICOLOR.

Collection Swinhoe, Dras.

829. SPILARCTIA CASIGNETA.

Collection Swinhoe, Nilgiri Hills.

830. SPILARCTIA CONFUSA.

Collection Swinhoe, Nilgiri Hills.

830A. SPILARCTIA DALBERGIÆ.

Spilaretia dalbergiæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 394. Dharmsala.
Allied to S. stigmata.

837. SPILARCTIA INDICA.

Collection Swinhoe, Nilgiri Hills.

843A. SPILARCTIA SAGITTIFERA.

Spilarctia sagittifera, Moore, Proc. Zool. Sec. Lond. 1888, p. 394. Dharmsala.
Allied to S. casigneta.

848. SPILARCTIA TODARA.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

855A. CHALLA QUADRIMACULATA.

Challa quadrimaculata, Moore, Proc. Zool. Soc. Lond. 1888, p. 395. Palampore.
Allied to C. bimaculata.

861A. ICAMBOSIDA DORSALIS.

Icambosida dorsalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 394. Dharmsala.

FAMILY LIPARIDÆ.

878A. CHARNIDAS AURANTIACA.

Charnidas aurantiaca, Warren, Proc. Zool. Soc. Lond. 1888, p. 296. Attock.

880. CHARNIDAS LITURA.

Collection Swinhoe, Kasaoli, Kulu.

882. CHARNIDAS PLANA.

Collection Swinhoe, Calcutta, Nilgiri Hills.

884. CHARNIDAS SUBNOTATA.

Collection Swinhoe, Ceylon.

898. GENUSA TERMINATA.

Collection Swinhoe, Karen Hills.

902. ARTAXA APICALIS.

Collection Swinhoe, Nılgiri Hills.

908. ARTAKA DIGRAMMA.

I. M., Ranchi. Collection Swinhoe, Ceylon.

918. ARTANA SUBFASCIATA.

Collection Swinhoe, Nilgiri Hills.

918A. ARTAXA SULPHURESCENS.

Artura sulphurescens, Moore, Proc. Zool. Soc. Lond. 1888, p. 399. Dharmsala.
Allied to A. trifusciata.

921. ARTANA VARIANS.

Collection Swinhoe, Nilgiri Hills.

924. SOMENA SCINTILLANS.

In Phayre Museum (Rangoon), from Rangoon.

930. Porthesia subdita.

Collection Swinhoe, Travancore.

932A. Euproctis abdominalis.

Euproctis abdominalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 398. Dharmsala.
Allied to E. postica.

950. EUPROCTIS POSTICA.

Collection Swinhoe, Poona, Nilgiri Hills.

969. CHEROTRICHA MARGINATA.

Collection Swinhoe, Kurseong.

979A. DASYCHIRA DALBERGIÆ.

Dasychira dalbergiæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 399. Dharmsala, Masuri.
Allied to D. inclusa.

983. Dysachira Kausalia:

I. M., Ranchi.

1003. LYMANTRIA BEATRIX.

I. M., Ranchi.

1004A. LYMANTRIA CARNECOLOR.

Lymantria carnecolor, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.

Dharmsala.

Allied to L. concolor.

1012A. LYMANTRIA NIGRA.

Lymantria nigra, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.

Kangra Valley.

Allied to L. beatrix and L. pusilla.

1030. ENOME INCERTA.

Collection Swinhoe, Nilgiri Hills.

1031. PSEUDOMESA QUADRIPLAGIATA.

Collection Swinhoe, Sikkim.

1053. REDOA LACTEA.

Collection Swinhoe, Nilgiri Hills.

1069A. PROCODECA UMBRINA.

Procodeca umbrina, Moore, Proc. Zool. Soc. Lond. 1888, p. 398. Kulu.

Genus Lachana.

1071A. TACHANA LADAKENSIS.

Lachana ladakensis, Moore, Proc. Zool. Soc. Lond. 1888, p. 398. Ladak.

FAMILY NOTODONTIDÆ.

Sub-Family CAREINÆ.

1114. Sybrida inordinata.

Collection Swinhoe, Sikkim.

1118, DABARITA SUBTILIS.

Collection Swinhoe, North Kanara.

1120. CAREA OBSOLESCENS.

Collection Swinhoe, Mahableshwar, Purundhur, Nilgiri Hills.

Sub-Family DICRANURINÆ.

1124. CERURA HIMALAYANA.

Cerura Himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 400. Dharmsala.

1130A. STAUROPUS BERBERISÆ.

Stauropus berherisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 400. Dharmsala, Umballa.

Sub-Family NOTODONTINÆ.

1139. SPHETTA APICALIS.

Collection Swinhoe, Sikkim.

1164. LOPHOPTERYX SATURATA.

Collection Swinhoe, Kurseong.

1168A. HETEROCAMPA BASISTRIGA.

Heterocampa basistriga, Moore, Proc. Zool. Soc. Lond. 1888, p. 400. Dharmsala.

Genus Varmina.

1177. VARMINA INDICA.

Varmina indica, Moore, Proc. Zool. Soc. Lond. 1888, p. 405. Dharmsala, Umballa.

1182. PYDNA FASCIATA.

Collection Swinhoe, Sikkim.

1195. ICHTHYURA FULGURITA.

Collection Swinhoe, Nilgiri Hills.

1198. INGURA CRISTATRIX.

Collection Swinhoe, Andaman Islands.

1207 A. PHEOSIA FASCIATA.

Pheosia fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 401. Dharmsala.

1215. NETRIA VIRIDESCENS.

Collection Swinhoe, Sikkim.

Sub-Family CALPINÆ.

1218. CALPE BICOLOR.

Collection Swinhoe, Sikkim.

1222. CALPE ORTHOGRAPTA.

Collection Swinhoe, Darjiling.

1225. ORÆSIA EMARGINATA.

Collection Swinhoe, Rangoon, Nilgiri Hills.

1233. AMBADRA ERNESTINA.

I. M., Ranchi.

Collection Swinhoe, Calcutta.

FAMILY DREPANULIDE.

1238A. DREPANA HYALINA.

Drepana hyalina, Moore, Proc. Zool. Soc. Lond. 1888, p. 401. Dharmsala.

1238B. DREPANA LILACINA.

Drepana lilacina, Moore, Proc. Zool. Soc. Lond. 1888, p. 401. Dharmsala.

1242A. DREPANA SIMULLIMA.

Drepana simillima, Moore, Proc. Zool. Soc. Lond. 1888, p. 402. Dharmsala.

Allied to D. lilacina,

1258A. ARGYRIS CINEREA.

Argyris cinerea, Butler, Proc. Zool. Soc. Lond. 1886, p. 387, pl. 35, fig. 3. Problepis cinerea, Warren, Proc. Zool. Soc. Lond. 1888, p. 298. Campbellpur (Punjab).

1259. ARGYRIS DELIARIA.

Collection Swinhoe, Nilgiri Hills.

FAMILY LIMACODIDÆ.

1273. NATADA RUFESCENS.

Collection Swinhoe, Rangoon.

1280A. PARASA BANDURA.

Parasa bandura, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 a, fig. 9, (1859).

Collection Swinhoe, Rangoon.
Also recorded from Java.

1281. PARASA BICOLOR.

Collection Swinhoe, Bassein (Burma).

1282A. PARASA HOCKINGII.

Parasa hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 403. Kangra Valley.

1284. PARASA LÆTA.

Collection Swinhoe, Thyetmyo (Burma), Poona, Nilgiri Hills.

1286A. PARASA LŒSA.

Parasa læsa, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 a, fig. 12, \(\varphi\), (1859) Collection Swinhoe, Thyetmyo (Burma).

Also recorded from Java.

1290. PARASA REPANDA.

Collection Swinhoe, Sibsagar.

1296A. APHENDALA FASCIATA.

Aphendala fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403. Dharmsala.

1304. Susica signata.

Collection Swinhoe, Ceylon.

1305. MIRESA ALBIPUNCTA.

Collection Swinhoe, Poona.

1315A. MIRESA QUADRINOTATA.

Miresa quadrinotata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403. Kangra, Kulu.

1315B. MIROSA SUFFUSA.

Miresa suffusa, Moore, Proc. Zool. Soc. Lond. 1883, p. 403. Dharmsala.

1318. NAROSA ADALA.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

FAMILY LASIOCAMPIDÆ.

1346. GANISA PLANA.

1. M., Sikkim.

1347. GANISA POSTICA.

Collection Swinhoe, North Kanara.

1351. Apona plumosa.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

1352. Apona shevaroyensis.

Collection Swinhoe, Nilgiri Hills.

1381. EUPTEROTE DIABOLICA.

Collection Swinhoe, Khandalla, Poona.

1385A. EUPTEROTE FRATERNA.

Eupterote fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406. Dharmsala.

Allied to E. invalida.

1392. EUPTEROTE LATIVITTATA.

Collection Swinhoe, North Kanara.

1394. EUPTEROTE MOLLIFERA.

Collection Swinhoe, Nilgiri Hills.

1403. EUPTEROTE SIMILIS.

I. M., Calcutta.

1413. SPALYRIA ADOLPHEL.

Collection Swinhoe, Nilgiri Hills.

1414. SPALYRIA COLLARIS.

Collection Swinhoe, Nilgiri Hills.

1423. SANGATISSA CITRINULLA.

Collection Swinhoe, Nilgiri Hills.

1438. NISAGA SIMPLEX.

Collection Swinhoe, Nilgiri Hills.

1440. LENODORA FASCIATA.

I. M., Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

1444. LENODORA VITTATA.

I. M., Nilgiri Hills.

Collection Swinhoe, Raipur (Central Provinces), Nilgiri Hills.

1499A. ESTIGENA PARDALE.

Estigena pardale, Moore, Cat. Lep. E. J. C. ii, p. 426, pl. 13 a, fig. 1, d, 1 a, 9, (1859).

I. M., Andaman Islands (Wimberley).

Also recorded from Java.

1499B. TARAGAMA CASTANOPTERA.

Taragama castanoptera, Moore, Proc. Zool. Sec. Lond. 1888, p. 404.

Kangra Valley.

Allied to T. Ganesa.

1500. TARAGAMA GANESA.

I. M., Morshidabad.

1508. SUANA CONCOLOR.

Collection Swinhoe, Mahableshwar.

Genus Bhima.

1509. For PECILOCAMPA UNDULOSA, read BHIMA UNDULOSA.

Moore, Proc. Zool. Soc. Land. 1888, p. 404.

Dharmsala.

FAMILY PHALERIDÆ.

1527. RAMESA TOSTA.

Collection Swinhoe, Pyentaza (Burma).

FAMILY SATURNIDE.

1538. ATTACUS EDWARDSII.

Collection Swinhoe, Kurseong.

1446A. SATURNIA HOCKINGIL.

Saturnia hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 402. Kulu. Allied to S. grotei.

1550A. SATURNIA ROYI.

Saturnia royi, Elwes, Proc. Zool. Soc. Lond 1887, p. 447. Tonglo (Sikkim).

1556. LÖEPA SIKKIMA.

Collection Swinhoe, Rangoon.

1560A. ANTHERÆA FRATERNA.

Antherwa fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 402. Kasaoli, Kangra. Allied to A. savalica.

1564. Antheræa Mylitta.

Collection Swinhoe, Central India.

1575. Rhodia newara.

Collection Swinhoe, Sikkim.

FAMILY COSSIDÆ.

1585. ZEUZERA ALBOFASCIATA.

Collection Swinhoe, Kulu.

1597. ZEUZERA SIGNATA.

Collection Swinhoe, Sikkim.

1601. PHRAGMATECIA MINOR.

In Phayre Museum (Rangoon), from Bhame.

FAMILY HEPIALIDÆ.

1616. Phassus albofasciatus.

Collection Swinhoe, Nilgiri Hills.

1619. PHASSUS MALABARICUS.

Collection Swinhoe, Nilgiri Hills.

GROUP NOCTUES.

FAMILY CYMATOPHORIDÆ.

1621A. THYATIRA COGNATA.

Thyatira cognata, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.

Warren. loc. cit., p. 299.

Kangra, Kala Pani (Punjab).

Allied to T. batis.

1628. GAURENA FLORENS.

Collection Swinhoe, Kurseong.

1629A. HABROSYNE FRATERNA.

Habrosyne fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.

Kangra.

Allied to H. Indica.

1637. RISOBA OBSTRUCTA.

Collection Swinhoe, Rangoon, Raipur (Central Provinces), Calcutta.

1641. KERALA MULTIPUNCTATA.

Collection Swinhoe, Kurseong.

1642A. PALIMPSESTIS ALBIDISCA.

Palimpsestis albidisca, Moore, Proc. Zool. Soc. Lond. 1888, p. 408. Polyploca albidisca, Warren, Proc. Zool. Soc. Lond. 1888, p. 299. Kangra, Beham Gulley (Punjab). 1644B. PALIMPSESTIS DUBIA.

Polyploca dubia, Warren, Proc. Zool. Soc. Lond. 1888, p. 300. Handar (Punjab).

1644C. Palimpsestis orbicularis.

Palimpsestis orbicularis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407. Kangra.

1644D. PALIMPSESTIS RENALIS.

Pulimpsestis renalis, Moore, Proc. Zool. Soc. Lond. 1898, p. 497. Kangra.

Genus Asphalia.

1644E. ASPHALIA CINEREA.

Asphalia cinerea, Warren, Proc. Zool. Soc. Lond. 1888, p. 300. Thundiani (Punjab).

FAMILY LEUCANIIDÆ.

1659A. LEUCANIA BIFASCIATA.

Leucania bifasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410. Kangra. Allied to L. griseofasciata.

1667. LEUCANIA DECISSIMA.

Collection Swinhoe, Nilgiri Hills.

1674. LEUCANIA EXTRANEA.

Collection, Swinhoe, Nilgiri Hills, Calcutta.

1677A. LEUCANIA IRRORATA.

Leucania irrorata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409. Kangra.

1685. LEUCANIA PERCISA.

Leucania percisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 410. Kangra.

1705A. ALETIA EXANTHEMATA.

Aletia exanthemata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410. Kangra.

1705B. ALETIA FRATERNA.

Aletia fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 410. Kangra. Allied to A. albicosta.

170S. ALETIA RUDIS.

Aletia rudis, Moore, Proc. Zool. Soc. Lond. 1888, p. 411. Kangra.

1712. AXYLIA FASCIATA.

Collection Swinhoe, Nilgiri Hills.

1715A. AXYLIA TRISERIATA.

Axylia triseriata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409. Kangra.

1716A. TYMPANISTES RUBRIDORSALIS.

Tympanistes rubridorsalis, Moore, Proc. Zool. Sec. Lond. 1888, p. 409. Kangra.

FAMILY HELIOTHIDÆ.

1723. DORIKA SANGUINOLENTA.

Collection Swinhoe, Nilgiri Hills.

1726A. PRADATTA BIMACULATA.

Pradatta bimaculata, Moore, Proc. Zool. Soc. Lond. 1888, p. 411. Dharmsala.

1727. PRADATTA BIVITTATA.

Collection Swinhoe, Poona, Nilgiri Hills.

1738. HELIOTHIS SUCCINEA.

In Mr. Lindsay's Collection from Nilgiri Hills.

1747. Adisura leucanioides.

Collection Swinhoe, Nilgiri Hills.

1755A. MASALIA TOSTA.

Masalia tosta, Moore, Proc. Zool. Soc. Lond. 1888, p. 411. Dharmsala.

FAMILY BOMBYCOIDÆ.

1760A. DIPHTERA FASCIATA.

Diphtera fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 408. Kangra.

1765A. PLATAPLECTA SCOTOCHLORA.

Polia scotochlora, Kollar, Hüg. Kasch, p. 482, (1848). Plataplecta scotochlora, Warren, Proc. Zool. Soc. Lond. 1888, p. 309. Thundiani (Punjab).

1770A. TRIÆNA DENTICULATA.

Triana denticulata, Moore, Proc. Zool. Soc. Lond. 1888, p. 408. Kangra.

1771. TRIÆNA MAXIMA.

Collection Swinhoe, Kulu, Rangoon.

1772A. KARANA SIMILIS.

Karana similis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407. Kangra. Allied to K. decorata.

1773A. HYBOMA DIVISA.

Hyboma divisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 409. Kangra.

FAMILY THYRIDIDÆ.

Genus Thyridiphora.

1773B. THYRIDIPHORA FENESTRATA.

Thyridiphora fenestrata, Warren, Proc. Zool. Soc. Lond. 1888, p. 311. Campbellpur (Punjab).

FAMILY BRYOPHILIDÆ.

1777A. BRYOPHILA NIGRIVITTATA.

Bryophila nigrivittata, Warren, Proc. Zool. Soc. Lond. 1888, p. 301. Campbellpur (Punjab).

1778. BRYOPHILA NILGIRIA.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

FAMILY GLOTTULIDÆ.

1782, CHASMINA CYGNUS.

Collection Swinhoe, Nilgiri Hills.

FAMILY ACONTIIDÆ.

1805. XANTHODES FLAVA.

Collection Swinhoe, Nilgiri Hills.

1811. XANTHODES INTERSEPTA.

Collection Swinhoe, Rangoon.

1820A. CANNA SPLENDENS.

Canna splendens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412. Dharmsala.

1825. EUPHASIA CATENA.

Collection Swinboe, Bombay.

1838A. ACONTIA LUCIDA.

Phalana (Noctua) lucida, Hübn., Berl. Mag. iii, p. 302, 421. Acontia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 309. Acontia solaris, Treit., Schm. Eur. v, Abh., 3, p. 244. Punjab, Europe.

1846. Acontia quadripartita.

Collection Swinhoe, Nilgiri Hills.

1866. TARACHE TROPICA.

Collection Swinhoe, Andaman Islands.

FAMILY ANTHOPHILIDÆ.

1896A. THALPOCHARES TRIANGULARIS.

Thalpochures triangularis, Warren, Proc. Zool. Soc. Lond. 1888, p. 309. Campbellpur (Punjab).

Genus Motachrostis.

1902. For Leptosia Quinaria read Metachrostis Quinaria.

1902A. METACHROSTIS CONTINGENS.

Metachrostis contingens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412. Dharmsala.

- 1903. For TIMA MARGARITA read TIMA MARGARITATA.
- 1907. HYELA LATIVITTA.

Collection Swinhoe, Nilgiri Hills.

1910. MARADANA RIVULATA.

Collection Swinhoe, Nilgiri Hills.

1912. PARACRAMA DULCISSIMA.

Collection Swinhoe, Nilgiri Hills.

FAMILY ORTHOSIDE.

1915. Erase Orthosia externa.

[See No. 2110A, "APAMIDE."]

FAMILY HADENIDÆ.

1930A. Eurois virens.

Eurois virens, Butler, Ann. Nat. Hist. 1878, p. 194.

Ill. Typ. Lep. Het. B.M. iii, p. 17, pl. 45, fig. 5, (1879).

Warren, Proc. Zool. Soc. Lond. 1888, p. 308.

Thundiani (Punjab), Japan.

1933A. HADENA CHENOPODII.

Phalana (Noctua) chenopodii, Gmel., Syst. Nat., i, 5, p. 2543, 1036.* Hadena chenopodii, Warren, Proc. Zool. Soc. Lond. 1888, p. 308. Thundiani (Pinjab).

1937. HADENA INDISTANS.

Collection Swinhoe, Nilgiri Hills.

1959A. EUPLEXIA PECTINATA.

Euplexia pectinata, Warren, Proc. Zool. Soc. Lond. 1888, p. 308. Thundiani (Punjab).

1967. RADINACRA THORACICA.

Collection Swinhoe, Khandalla,

1975A. APPANA CINGALESA.

Appana cingalesa, Moore, Lep. Coyl. iii, p. 548, pl. 214, fig. 6, 9, (1887). Collection Swinhoe, Nilgiri Hills. Also recorded from Ceylon.

FAMILY NOCTUIDÆ.

- 1986. AGROTIS CONSPURCATA.
 - I. M., Nilgiri Hills.
- 1996. AGROTIS PLAGIATA.

Collection Swinhoe, Ceylon.

2001. AGROTIS SUFFUSA.

Collection Swinhoe, Nilgiri Hills.

Genus Oxira.

2007A. OXIRA OCHRACEA.

Oxira ochracea, Walker, Cat. Lep. Het. B.M. xxxii, p. 657.

Moore, Lep. Ceyl. iii, p. 23, (1884).

Warren, Proc. Zool. Soc. Lond. 1888, p. 3(6.

Punjab, Ceylon.

2008A. Graphiphora canescens.

Graphiphora canescens, Butler, Ann. Nat. Hist. 1878, i, p. 165.
Warren, Proc. Zool. Soc. Lond. 1888, p. 306.
Cerastis subdolous, Butler, Trans. Ent. Soc. Lond. 1881, pt. ii, p. 181.
Thundiani (Punjab). Collection Swinhoe.
Allied to G. dahlii of Europe.

2018A. GRAPHIPHORA VALIDA.

Graphiphora valida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 711, (1865).
Warren, Proc. Zool. Soc. Lond. 1888, p. 305.
Thundiani (Punjab), China.

2022A. OCHROPLEURA DENTICULATA.

Ochropleura denticulata, Warren, Proc. Zool. Soc. Lond. 1888, p. 307. Thundiani (Punjab).

FAMILY APAMIIDÆ.

2040. BERRESA NATALIS.

Collection Swinhoe, Moulmein, Rangoon, Nilgiri Hills.

2076A. MAMESTRA NIGERRIMA.

Mamestra nigerrima, Warren, Proc. Zool. Soc. Lond. 1888, p. 302. Collection Swinhoe, Thundiani (Punjab). Also from Naini Tal in Colonel Lang's Collection.

2088. ILATTIA CEPHUSALIS.

Collection Swinhoe, Rangoon.

2099. PERIGEA CENTRALIS.

Collection Swinhoe, Rangoon.

2104. AMYNA SELENAMPHA.

Collection Swinhoe, Andaman Isles, Moulmein, Rangoon.

2110A. CARADRINA EXTERNA.

Orthosia externa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 56.

Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

Caradrina externa, Warren, Proc. Zool. Soc. Lond. 1888, p. 308.

I. M., Sikkim.

Collection Swinhoe, Kasaoli.

Also recorded from the Punjab.

2110B. CARADRINA FARINACEA.

Caradrina farinacea, Moore, Proc. Zool. Soc. Lond. 1888, p. 411. Kangra.

2117. SPODOPTERA CILIUM.

Collection Swinhoe, Bassein (Burma), Nilgiri Hills.

2120. PRODENIA LITTORALIS.

Collection Swinhoe, Nilgiri Hills.

2122. LAPHYGMA EXIGUA.

Collection Swinhoe, Punjab, Rangoon, Nilgiri Hills.

2130. Erase OKIRA OCHRACEA.

[See No. 2007A, "NOCTUIDE."]

2140. RHIZOGRAMMA UNILINEA.

Collection Swinhoe, Ahmedabad.

FAMILY PLUSIDÆ.

2153. PLUSIA CHRYSITINA.

Collection Swinhoe, Kipra (Siud), Ceylon, Nilgiri Hills.

2161. PLUSIA EXTRAHENS.

Collection Swinhoe, Nilgiri Hills.

2169. Plusia obtusisigna.

Collection Swinhoe, Nilgiri Hills.

2170. PLUSIA OCHREATA.

Collection Swinhoe, Nilgiri Hills.

2177. PLUSIA SIGNATA.

Collection Swinhoe, Rangoon.

2180. Plusia verticillata.

Collection Swinhoe, Andaman Islands, Raipur (Central Provinces), Nilgiri Hills, Rangoon.

2181. PLUSIODONTA AURIPICTA.

Collection Swinhoe, Rangoon.

2182. PLUSIODONTA CHALSYTOIDES.

Collection Swinhoe, Ceylon, Rangoon.

FAMILY PALINDIDÆ.

2189. Homodes crocka.

Collection Swinhoe, Andaman Islands.

FAMILY EURHIPIDÆ.

2199. PENICILLARIA JOCOSATRIX.

Collection Swinhoe, Calcutta, Nilgiri Hills.

2201. PENICILLARIA NUGATRIX.

Collection Swinhoe, Andaman Islands.

2210. VARNIA FENESTRATA.

Collection Swinhoe, Sikkim.

FAMILY ERIOPIDÆ.

2219. CALLOPISTRIA EXOTICA.

Collection Swinhoe, Ceylon, Khandalla.

2220. CALLOPISTRIA RECURVATA.

Collection Swinhoe, Rangoon, Nilgiri Hills.

FAMILY GONOPTERIDÆ.

2234. Cosmophila Xanthindyma.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2235. ARTHISMA SCISSURALIS.

Collection Swinhoe, Rangoon, Bhamo (Burma).

FAMILY AMPHIPYRIDÆ.

2256A. AMPHIPYRA FLAVICAUDATA.

Amphipyra flavicaudata, Warren, Proc. Zool. Soc. Lond. 1888, p. 312. Thundiani (Punjab).

2263. RLENINE ACCIPIENS.

Collection Swinhoe, Rangoon.

2264. BLENINA DONANS.

Collection Swinhoe, Nilgiri Hills.

FAMILY CATOCALIDÆ.

2274. CATOCALA AFGHANA.

Catocala afghana, Swinhoe. Warren, Proc. Zool. Soc. Lond. 1888,p. 314. Collection Swinhoe, Abbottabad (Punjab).

2278A. CATOCALA NIVEA.

Catocala nivea, Butler, Cist. Ent. ii, p. 241, (1875-82).

Ill. Typ. Lep. Het. B. M., ii, p. 38, pl. 33, fig. 4, (1878).

Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab), Japan.

2279. CATOCALA PATALA.

Catocala pattala, Felder. Warren, Proc. Zool. Soc. Lond. 1888, p. 314. Thundiani (Punjab).

2279A. CATOCALA PERSIMILIS.

Catocala persimilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 314. Thundiani (Punjab).

FAMILY TOXOCAMPIDÆ.

2296. TOXOCAMPA METASPILA.

Collection Swinhoe, Rangoon.

FAMILY POAPHILIDÆ.

2312. Poaphila reflexa.

Collection Swinhoe, Poona, Purundhur, Nilgiri Hills, Andaman Islands.

2321. DIERNA MULTISTRIGARIA.

I. M., Nılgiri Hills.

FAMILY CATEPHIDÆ.

2339. BRIARDA DECENS.

Collection Swinhoe, North Kanara, Nilgiri Hills, Bassein (Burma), Andaman Islands.

2343. ARCTE GRANULATA.

Collection Swinhoe, Assam.

2347. CATEPHIA LINTEOLA:

Collection Swinhoe, Sikkim, Rangoon, Nilgiri Hills.

2351. Mosara apicalis.

In Phayre Museum (Rangoon), from Rangoon. In Mr. Lindsay's Collection from Nilgiri Hills.

2365. STICTOPTERA SUBOBLIQUA.

Collection Swinhoe, Bombay.

2367. STICTOPTERA VARIABILIS.

Collection Swinhoe, Andaman Islands.

2370. ODONTODES BOLINOIDES.

I. M., Ranchi. Collection Swinhoe, Rangoon.

2371. SADARSA LONGIPENNIS.

Collection Swinhoe, Kurseong.

2376. Gyrtona hylusalis.

Collection Swinhoe, Nilgiri Hills.

2380. LOPHOPTERA COSTATA.

Collection Swinhoe, Rangoon, Nilgiri Hills.

2387. ATHYRMA POLYSPILA.

Collection Swinhoe, Rangoon.

FAMILY HYPOGRAMMIDÆ.

2394. DINUMMA DEPONENS.

Collection Swinhoe, Rangoon, Raipur (Central Provinces), Nilgiri Hills.

2420. PLOTHEIA SPURCATA.

Collection Swinhoe, Ceylon.

2424. SELEPA CELTIS.

In Phayre Museum (Rangoon) from Rangoon.

FAMILY POLYDESMIDÆ.

2440A. PANDESMA BENENOTATA.

Pandesma benenotata, Warren, Proc. Zool. Soc. Lond. 1888, p. 313, Rawal Pindi.

2443. Pandesma Quenavadi.

Collection Swinhoe, Deesa, Punjab, Raipur (Central Provinces), Nilgiri Hills.

2446. PANDESMA BOARMOIDES.

Collection Swinhoe, Rangoon, Sholapore, Raipur (Central Provinces), Nilgiri Hills.

FAMILY HOMOPTERIDÆ.

2451. ALAMIS CONTINUA.

Collection Swinhoe, Raipur (Central Provinces), Solun (Simla)

2454. ALAMIS INFLIGENS.

Collection Swinhoe, Nilgiri Hills.

2470. GIRPA ERIOPHORA.

Collection Swinhoe, Andaman Islands.

2471. GIRPA FRATERNA.

Collection Swinhoe, Rangoon.

2172. GIRPA INANGULATA.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

2473. GIRPA PERTENDENS.

Collection Swinhoe, Rangoon.

FAMILY OPHIDERIDÆ.

2474. ARGADESA MATERNA.

Collection Swinhoe, Raipur, Calcutta, Andaman Islands.

2492. ISCHYJA MANLIA.

Collection Swinhoe, Nilgiri Hills, Andaman Islands.

FAMILY EREBIDÆ.

2497, OXYODES SCROBICULATA.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2527. SYPNA SUBMARGINATA.

Collection Swinhoe, Nilgiri Hills.

FAMILY OMMATOPHORIDÆ.

2536. ARGIVA STRIGIPENNIS.

Collection Swinhoe, Nilgiri Hills.

2547. ENTOMOGRAMMA DECORA.

Collection Swinhoe, Poona.

2550. Entomogramma torsa.

Collection Swinhoe, Raipur, Nilgiri Hills.

2553. Speiredonia Retrahens.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

2554. Speiredonia zamis.

Collection Swinhoe, Rangoon.

2555. SERICIA ANOPS.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

FAMILY HYPOPYRIDÆ.

2558. Spiramia conærens.

Collection Swinhoe, Raipur, Calcutta, Rangoon.

2559. SPIRAMIA HELICINA.

Collection Swinhoe, Nilgiri Hills.

2563A. HYPOPYRA EXTRICANS.

Hypopyra extricans, Walker, Cat. Lep. Het. B. M. xiv, p. 1328, (1858).

Warren, Proc. Zool. Soc. Lond. 1888, p 315.

Hurripur (Punjab), China.

2570. HYPOPYRA SHIVA.

2572. HYPOPYRA VESPERTILIO.

Collection Swinhoe, Rangoon.

FAMILY BENDIDÆ.

2576. Hulodes restorans.

Collection Swinhoe, Rangoon.

2578. Hamodes attacicola.

Collection Swinhoe, Rangoon, Andaman Islands.

FAMILY OPHIUSIDÆ.

2583. Melioptis cyllaria.

Collection Swinhoe, Rangoon.

2585. MELIOPTIS DIVERSIPENNIS.

Collection Swinhoe, Calcutta.

2587. MELIOPTIS PANNOSA.

I. M., Calcutta.

Collection Swinhoe, Rangoon.

2595. Thyas coronata.

Collection Swinhoe, Andaman Islands.

2598. THYAS HONESTA.

Collection Swinboe, Rangoon.

2606. MINUCIA PRUNICOLOB.

Collection Swinhoe, Nilgiri Hills.

2611. Minucia tumidilinea.

Collection Swinhoe, Rangoon.

2614. OPHISMA CONTENTA. .

Collection Swinhoe, Rangoon.

2616. OPHISMA GRAVATA.

In Phayre Museum (Rangoon) from Rangoon.

2617. OPHISMA MATURATA.

Collection Swinhoe, Calcutta. In Mr. Lindsay's Collection from Nilgiri Hills.

2621. Erase PLATYJA UMMINIA.

[See No. 2760, "THERMESHDE."]

2622. PINDARA ILLIBATA.

Collection Swinhoe, Rangoon.

2623. ACHÆA COMBINANS.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

2626. ACHÆA NUBIFERA.

Collection Swinhoe, Andaman Islands.

2628, ACHÆA SERVA.

Collection Swinhoe, Calcutta, Rangoon.

2629. PSIMADA QUADRIPENNIS.

Collection Swinhoe, Andaman Isles, Rangoon.

2630. SERRODES CAMPANA.

Collection Swinhoe, Nilgiri Hills.

2631. SERRODES INARA.

Collection Swinhoe, Nilgiri Hills.

2633. NAXIA CALEFACIENS.

Phayre Museum (Rangoon) from Rangoon.

2636. DELGAMMA CALORIFICA.

Collection Swinhoe, Rangoon.

2637. CARANILLA ONELIA.

Collection Swinhoe, Nilgiri Hills, Calcutta, Rangoon.

2641. MACALDENIA PALUMBA.

2642. CALESIA DASYPTERA.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2649. Anereutilina condita.

Collection Swinhoe, Andaman Islands.

2656. DORDURA ALIENA.

Collection Swinhoe, Rangoon.

2657. DORDURA APICALIS.

Collection Swinhoe, Rangoon.

2661. OPHIUSA ANALIS.

Collection Swinhoe, Raipur, Nilgiri Hills.

2662. OPHIUSA ARCTOTÆNIA.

J. M., Ranchi.

2663. OPHIUSA ARCUATA.

Collection Swinhoe, Rangoon.

2666. OPHIUSA CRAMERI.

Collection Swinhoe, Nilgiri Hills, Calcutta, Burma.

2669. OPHIUSA FULVOTÆNIA.

Collection Swinhoe, Rangoon.

2670. OPHIUSA JOVIANA.

Collection Swinhoe, Rangoon, Calcutta.

2670A. OPHIUSA LATIFASCIA.

Dysgonia latifascia, Warren, Proc. Zool. Soc. Lond. 1888, p. 316. Collection Swinhoe, Solun, Kozdar (Beloochistan). Also recorded from Campbelpur (Punjab).

2676. GRAMMODES AMMONIA.

Collection Swinhoe, Rangoon.

2678. GRAMMODES MYGDON.

Collection Swinhoe, Rangoon.

2683. FODINA PALLULA.

Collection Swinhoe, Calcutta.

2684, ARTENA SUBMIRA.

FAMILY EUCLIDIDÆ.

2685. TRIGONODES CEPHISE.

Collection Swinhoe, Rangoon.

2688. TRIGONODES MAXIMA.

In Phayre Museum (Rangoon) from Thyetmyo.

2696. ACANTHOLIPES TRIFASCIATA.

Collection Swinhoe, Nilgiri Hills.

FAMILY REMIGIIDE.

2697. CAUNINDA ARCHESIA.

Collection Swinhoe, Nilgiri Hills, Andaman Isles.

2702. Remigia frugalis.

Collection Swinhoe, Rangoon.

2705. REMIGIA QUESITA.

Collection Swinhoe, Nilgiri Hills, Rangoon.

GROUP PSEUDODELTOIDES.

FAMILY FOCILLIDÆ.

2713. ZETHES CRISTIFERA.

In Phayre Museum (Rangoon) from Bassein (Burma).

2729. CULTRIPALPA INDISTINCTA.

In Phayre Museum (Rangoon) from Bassein.

2730. CULTRIPALPA PARTITA.

In Phayre Museum (Rangoon) from Bassein.

2736. EGNASIA EPHYRODALIS.

2738A. EGNASIA MŒSTALIS.

Magulaba mastalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1127, (1865). Egnasia mastalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317. Egnasia erebina, Butler, Ann. Nat. Hist. 1879, iv, p. 450. Campbelpur (Punjab), Japan, Aden. Sierra Leone.

2745. MATELLA ACCINGALIS.

Collection Swinhoe, Poona.

FAMILY AMPHIGONIDÆ.

2756. LACERA ALOPE.

Collection Swinhoe, Rangoon.

2758. AMPHIGONIA HEPATIZANS.

Collection Swinhoe, Rangoon, Nilgiri Hills.

FAMILY THERMESIIDÆ.

2760. PLATYJA UMMINIA.

Collection Swinhoe, Rangoon, Andaman Islands. Also recorded from Bengal, Java, China, Penang.

2761. SYMPIS RUFIBASIS.

Collection Swinhoe, Calcutta, Rangoon.

2775. SENERATIA PRÆCIPUA.

Collection Swinhoe, Nilgiri Hille.

2785. DURDARA FENESTRATA.

Collection Swinhoe, Kurseong.

2787. DURDARA LOBATA.

Collection Swinhoe, Camorta (Nicobars).

2788. DURDARA MYRTEA.

Collection Swinhoe, Bhamo (Burma).

2791. RAPARNA OCHREIPENNIS.

Collection Swinhoe, Poona, Mahableshwar.

2803. MESTLETA DIVISA.

Collection Swinhoe, Khandalla, Nilgiri Hills.

2806. MESTLETA IRRECTA.

Collection Swinhoe, Rangoon.

2811. Sonagara reticulata.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2815. AZAZIA RUBRICANS.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2836. DORANAGA APICALIS.

Collection Swinhoe, Nilgiri Hills.

GROUP DELTOIDES.

FAMILY HYPANIDÆ.

2844. DICHROMIA OROSIA.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2846. DICHROMIA QUADRALIS.

Collection Swinhoe, Sikkim, Rangoon.

2851. Anorathia paritalis.

Collection Swinhoe, Ceylon.

2861. HYPENA ABDUCALIS.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2862A. HYPENA ANGUSTALIS.

Hypena angustalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317. Damtana (Punjab).

2867. HYPENA CIDARIOIDES.

Collection Swinhoe, Rangoon.

2868. HYPENA COGNATA.

Collection Swinhoe, Nilgiri Hills.

2881. HYPENA ICONICALIS.

Collection Swinhoe, Calcutta, Raipur (Central Provinces).

2888. HYPENA LACERATALIS.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2894. Hypena mandatalis.

In Phayre Museum (Rangoon) from Rangoon.

2922. HYPENA VECORDIALIS.

Collection Swinhoe, Nilgiri Hills.

2924. NOLASENA FERRIFERVENS.

Collection Swinhoe, Rangoon.

2926. MARAPANA RARALIS.

Collection Swinhoe, Rangoon.

2928. OPHIUCHE MISTACALIS.

Collection Swinhoe, Nilgiri Hills.

Genus Hormisa.

2929A. HORMISA CRAMBOIDES.

Hormisa cramboides, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 62, pl. 56, fig. 6, (1879).

Warren, Proc. Zool. Soc. Lond. 1888, p. 317.

Kala Pani (Punjab), Japan.

FAMILY HERMINIDÆ.

2930. BLEPTINA MOROSA.

Collection Swinhoe, Poona, Bombay.

2941. DRAGANA PANSALIS.

Collection Swinhoe, Andaman Islands, Rangoon, Calcutta, Mhow, Nilgiri Hills.

2970. Zanclognatha undulata.

Collection Swinhoe, Nilgiri Hills. Also recorded from Darjiling.

2970A. HYDRILLODES ERYTHUSALIS.

Bocana et ythusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 177, (1858). Hydrillodes erythusalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 318. Damtana (Punjab), Borneo.

2972. Hydrillodes lentalis.

Collection Swinhoe, Nilgiri Hills. In Phayre Museum (Rangoon) from Rangoon.

2986. Nodaria externalis.

Collection Swinhoe, Rangoon.

3001. BOCANA MARGINATA.

Collection Swinhoe, Rangoon, Thanna (Bombay). In Mr. Lindsay's collection from Nilgiri Hills.

3006. BOCANA VIRIDALIS.

[Erase Indian Museum and Collection Swinhoe, Nilgiri Hills.]

3009. BYTURNA DIGRAMMA.

Is identical with Byturna cucullata, No. 3008.

3010. AVITTA CERVINA.

Collection Swinhoe, Rangoon.

3014. LABANDA ACHINE.

Indian Museum, Nilgiri Hills. Collection Swinhoe, Nilgiri Hills.

3020. ASTHALA SILENUSALIS.

Collection Swinhoe, Rangoon.

3021. AGINNA ROBUSTALIS.

Collection Swinhoe, Rangoon, Nilgiri Hills.

3022. AGINNA SIMILIS.

Collection Swinhoe, Darjiling.

3023. AGINNA SIMULATA.

Collection Swinhoe, Thanna (Bombay).

3035. Pastra inscitia.

Collection Swinhoe, Poona, Nilgiri Hills.

\$044. ASTA QUADRILINEA.

Collection Swinhoe, Darjiling. [Erase Bombay.]

GROUP GEOMETRITES.

FAMILY EROSIDÆ.

3049. DIRADES ADJUTARIA.

Collection Swinhoe, Andaman Isles, Nilgiri Hills.

3053. DIRADES CONCHIFERATA.

Collection Swinhoe, Rangoon.

3072. GATHYNA MIRARIA.

Collection Swinhoe, Calcutta.

FAMILY URAPTERYDE.

3108A. URAPTERYX PLURISTRIGATA.

Urapteryx pluristrigata, Warren, Proc. Zool. Soc. Lond. 1888, p. 318, Thundiani (Punjab).

FAMILY ENNOMIDÆ.

3148. HYPERYTHEA LUTEA.

Collection Swinhoe, Calcutta, Andaman Isles. Thyetmyo, Rangoon.

3158. ANGERONA PALLICOSTARIA.

Collection Swinhoe, Andaman Islands.

3158A. ANGERONA STRAMINEATA.

Angerona stramineata, Warren, Proc. Zool. Soc. Lond. 1888, p. 319. Collection Swinhoe, Thundiani (Punjab).

3195. Pyrinia phænico-tæniata.

Pyrinia phænico-tæniata, Kollar. Warren, Proc. Zool. Soc. Lond. 1888, p. 319. Kala Pani and Thundiani (Punjab).

FAMILY OXYDIDÆ.

3211. MARCALA SULPHURESCENS.

Collection Swinhoe, Nilgiri Hills.

FAMILY ÆNOCHROMIDÆ.

3241. CHILKASA FALCATA.

Collection Swinhoe, Rangoon.

Genus Niphonissa.

3249A. NIPHONISSA ARIDA.

Niphonissa arida, Butler, Ann. Mag. Nat. Hist. 1878, i, p. 394.
Warren, Proc. Zool. Soc. Lond. 1888, p. 320.
Thundiani (Punjab), Japan.

FAMILY AMPHIDASYDE.

3255A. BUZURA VARIANABIA.

Buzura panterinaria, Swinhoe (nec Bremer and Grey), Proc. Zool. Soc. Lond. 1888, p. 454. Collection Swinhoe, Mhow, North Kanara.

FAMILY BOARMIDE.

3284. Hemerophila subplagiata.

Menophra subplagiata, Walker.

Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Murree, Thundiani (Punjah).

3327. BOARMIA ITERATA.

Alcis ite rata, Butler. Warren, Proc. Zool, Soc. Lond, 1888, p. 320, Murrec.

3338. BOARMIA TRIKOTARIA.

Alcis trikotaria, Felder. Warren, Proc. Zool. Soc. Lond. 1888, p. 320. Thundiani (Punjab). 3340A. ALCIS NUDIPENNIS.

Alcis nudipennis, Warren, Proc. Zool. Soc. Lond. 1888, p. 320. Thundiani (Punjab).

3344. Burichura imparata.

Collection Swinhoe, Lanaoli.

3348. CATORIA SUBLAVARIA.

Collection Swinhoe, Rangoon.

3349. CHOGADA ALIENARIA.

Collection Swinhoe, Nilgiri Hills.

3363. BYLAZORA LICHENIFERATA.

I. M., Nilgiri Hills.

3376. PINGASA CRENARIA.

In Phayre Museum (Rangoon) from Thyetrayo.

3388. Hypochroma perfectaria.

I. M., Ranchi.

3406. Gnophos dispunctata.

Gnophos dispunctata, Walker. Warren, Proc. Zool. Soc. Lond. 1888, p. 324. Thundiani (Punjab).

3408A. GNOPHOS ISOMETRA.

Gnophos isometra, Warren, Proc. Zool, Soc. Lond. 1888, p. 321. Akhor (Punjab).

3412. GNOPHOS OBTECTARIA.

Gnophos obtecturia, Walker. Warren, Proc. Zool. Soc. Lond. 1888, p. 321. Abbottabad.

3113. GNOPHOS PARRLITA.

Gnophos paerlila, Butler. Warren, Proc. Zool. Soc. Lond. 1888, p. 321.

Abbottabad.

3422. Petelia medardaria.

Collection Swinhoe, Rangoon.

3426A. PSYRA DEBILIS.

Psyra debilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 319. Thundiani (Punjab).

FAMILY GEOMETRIDÆ.

- 3450. MAXATES CELATARIA.
 - Collection Swinhoe, Rangoon.
- 3469. THALASSODES QUADRARIA.

Collection Swinhoe, Andaman Islands, Calcutta, Rangoon.

- 3478. THALERA DIATOAMATA.
 - Collection Swinhoe, Rangoon.
- 3480. Thalera disjuncta.

Collection Swinhoe, Nilgiri Hills.

3487. NEMORIA CARNIFRONS.

Collection Swinhoe, Nilgiri Hills.

3523. AGATHIA LYCENARIA.

Collection Swinhoe, Nilgiri Hills.

FAMILY PALYADÆ.

- 3539. Eumelia aureliata.
 - Collection Swinhoe, Ceylon, Nilgiri Hills, Thyetmyo.
- 3546, Eumelia vulperaria.

Collection Swinhoe, Nilgiri Hills.

3547. CACYPARIS INSOLITATA.

Collection Swinhoe, Nilgiri Hills.

FAMILY EPHYRIDÆ.

- 3573. ANISODES OBRINARIA.
 - Collection Swinhoe, Nilgiri Hills.
- 3577. Anisodes patruelis.

Collection Swinhoe, Nilgiri Hills.

3585. BORBACA PARDARIA.

Collection Swinhoe, Nilgiri Hills.

FAMILY CABERIDA.

3604. CABERA MYTYLATA.

Cabera mytylata, Guén. Warren, Proc. Zool. Soc. Lond. 1888, p. 323. Thundiani (Punjab).

FAMILY MACARIDE.

3619. TEPHRINA CACAVENA.

Collection Swinhoe, Poona.

3620. TEPHRINA FALSARIA.

Collection Swinhoe, Nilgiri Hills.

3624. TEPHRINA MODESTA.

Collection Swinhoe, Nilgiri Hills.

3632. Gubaria fasciata.

Collection Swinhoe, Raipur, Central Provinces, Andaman Islands.

3634. Gubaria nora.

Collection Swinhoe, Nilgiri Hills.

3635. GUBARIA XANTHONORA.

In Phayre Museum, Rangoon, from Pyentaza (Burma).

3638A. GONODELA FUSCOMARGINATA.

Gonodela fuscomarginata, Warren, Proc. Zool. Soc. Lond. 1888, p. 323. Campbellpur (Panjab).

3641. GONODELA HORRIDARIA.

Collection Swinhoe, Nilgiri Hills.

3647. GONODELA STRENIATARIA.

Gonodela streniataria, Walker. Warren, Proc. Zool. Lond. 1888, p. 323. Campbellpur (Punjah). 3649. GONODELA VASUDEVA.

Collection Swinhoe, Rangoon.

3655. AZATA PERRUGINATA.

Collection Swinhoe, Rangoon.

3656. Azata Quadraria.

Collection Swinhoe, Nilgiri Hills.

FAMILY FIDONIDÆ.

3662. STERRHA PAULULA.

Collection Swinhoe, Campbellpur (Punjab),

3663. STERRHA SACRARIA.

Sterrha sacraria, Linn. Warren, Proc. Zool, Soc. Lond. 1888, p. 324. Campbellpur (Punjab).

Genus Pseudosterrha.

3663A. PSEUDOSTERRHA OCHREA.

Pseudosterrha ochrea, Warren, Proc. Zool. Sec. Lend., 1888, p. 324. Campbellpur (Punjab).

3665. Rumia mimulina.

Rumia mimulina, Butler. Warren, Proc. Zooi. Soc. Lond. 1888, p. 318.

3671. PHYLETIS INCONSPICUA.

Phyletis inconspicua, Butler. Warren, Proc. Zool. Soc. Lond, 1888, p. 323.

Thundiani, Kala Pani (Punjab).

3673. PHYLETIS MEONARIA.

Collection Swinhoe, Kurseong.

3674. PHYLETIS PELLONIARIA.

Phyletis pelloniaria, Guén. Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Thundiani (Punjab).

3678. Epifidonia signata.

Epifidonia signata, Batler.

Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Murree.

3681. ASPILATES OBLIQUARIA.

Aspilates obliquaria, Moore. Warren, Proc. Zool. Soc. Lond. 1888, p. 324. Thundiani (Punjab).

3684. CORYMICA SPECULARIA.

Collection Swinhoe, Kurseong, Rangoon.

3691. PRIONIA SQUALIDARIA.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

FAMILY ZERENIDÆ.

3729A. ABRAXAS DIVERSICOLOR.

Abraxas diversicolor, Warren, Proc. Zool. Soc. Lond. 1888, p. 325. Thundiani (Punjab).

3731. ABRAXAS FUSCESCENS.

Abraxas fuscescens, Butler. Warren, Proc. Zool. Soc. Lond. 1888, p. 324. Thundiani (Punjab).

3733A. ABRAXAS INTERMEDIA.

Abraxas intermedia, Warren, Proc. Zool, Soc. Loud. 1888, p. 324. Thundiani, Kala Pani (Punjab).

3746. NAXA TEXTILIS.

Collection Swinhoe, Nilgiri Hills.

3751. LIGDIA COCTATA.

Ligdia coctata, Guén. Warren, Proc. Zool. Soc. Lond. 1888, p. 325. Kala Pani, Campbellpur (Punjab).

FAMILY LARENTIDÆ.

3756. LYCAUGES RELICTATA.

Acidalia (?) relictota, Walker, Cat. Lep. Het. B. M. xxxv, p. 1629, (1866). Lycauges relictota, Warren, Proc. Zool. Soc. Lond. 1888, p. 323. Lycauges demissus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456. Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh, (Bombay).

Also recorded from Campbellpur (Punjab).

3759. For Larentia conturbata read Scotosia conturbata. Warren, Proc. Zool. Soc. Lond. 1888, p. 327.

3775. EUPITHECIA PALPATA.

Collection Swinhoe, Ceylon.

3776A. EUPITHECIA QUADRIPUNCTATA.

Eupithecia quadripunctata, Warren, Proc. Zool. Soc. Lond, 1888, p. 331. Thundiani (Punjab).

3795. REMODES HIRUDINATA.

Collection Swinhoe, Khandalla, Nilgiri Hills.

3806. Remodes proboscidaria.

Collection Swinhoe, Nilgiri Hills.

3801. REMODES REMODESARIA.

Collection Swinhoe, Nilgiri Hills.

3812A. MELANIPPE PLAVISTRIGATA.

Melanippe flavistrigata, Warren, Proc. Zool Soc. Lond., 1888, p. 329. Kala Pani (Punjab).

3814A. COREMIA LIVIDA.

Coremia livida, Butler, Ann. Mag. Nat. Hist. 1878, i, p. 449.

Warren, Proc. Zool. Soc. Lond., 1888, p. 329.

Campbellpur (Punjab).

3818. Scotosia dubiosata.

Scotosia dubiosata Wulker. Warren, Proc. Zool. Soc. Lond., 1888, p. 327. Thundiani (Punjab).

3819. SCOTOSIA EXPANSA.

Scotosia expansa, Moore. Warren, Proc. Zool. Soc. Lond., 1888, p. 327. Punjab. Closely allied to S. venimaculata.

3821. Scotosia miniosata.

Photoscotosia miniosata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328. Thundiani (Punjab).

3821. SCOTOSIA NIGRALBATA.

Scotosia nigralbata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327. Collection Swinhoe, Thundiani (Punjab).

3841. SCOTOSIA AMPLICATA.

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862). Photoscotosia amplicata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327. Indian Museum, Kulu (Young). Collection Swinhoe, Kulu, Pegu. Also recorded from Darjiling and Thundiani (Punjab).

3846A. CIDARIA BREVIFASCIATA.

Cidaria brevifasciata, Warren, Proc. Zool. Soc. Lond., 1888, p. 330. Thundiani (Punjab).

386SA. CIDARIA ROSTRIFERA.

Cidaria rostrifora, Warren, Proc. Zool. Soc. Lond., 1888, p. 330. Thundiani (Punjab).

3871A. CIDARIA SUBRUBESCENS.

Cidaria subrubescens, Warren, Proc. Zool. Soc. Lond., 1888, p. 329. Berham Gully (Punjab).

3873A. CIDARIA THOMASATA.

Cidaria thomasata, Warren, Proc. Zool. Soc. Lond., 1888, p. 329. Murree, Thundiani (Punjab).

3885. STAMMODES PAMPHILATA.

Stammodes pamphilata, Felder, Warren, Proc. Zool. Soc. Lond., 1888, p. 330, Thundiani (Punjab).

3891A. THERA CONSIMILIS.

Thera consimilis, Warren, Proc. Zool. Soc. Lond., 1888, p. 326. Thundiani, Nandar (Punjab).

3893A. YPSIPETES UNDULATA.

Ypsipetes undulata, Warren, Proc. Zool. Soc. Lond., 1888, p. 326. Thundiani (Punjab).

3900A. PHIBALAPTERYX NIGRIPUNCTATA.

Phibalapteryx nigripunctata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328. Thundiani (Punjab).

3900B. PHIBALAPTERYX NIGROVITTATA.

Phibalapteryx nigrovittata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327. Collection Swinhoe, Thundiani (Punjab).

FAMILY EUBOLIDÆ.

3902. Docirava ÆQUILINEATA.

Docirava aquilineata, Walker.
Warren, Proc. Zool. Soc. Loud., 1889, p. 330.
Duntanar (Punjab).

3905. DOCIRAVA UVARIA.

Docirara uvaria, Walker.

Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Thundiani, Berham Gully (Punjab).

3907A. ANAITIS EFFORMATA.

Anaitis efformata, Guén., Phal. ii, p. 500, (1857).

Walker, Cat. Lep. Het. B. M., xxv, p. 1444, (1862).

Warren, Proc. Zool. Soc. Lond., 1888, p. 33i.

Collection Swinhoe, Nandar (Punjab), Syria.

Genus Eubolia.

3911A, EUBOLIA NASIFERA.

Euboria nasifera, Warren, Proc. Zool. Soc. Lond. 1888, p. 331. Thundiani (Punjab).

FAMILY IDEIDÆ.

3914. IDEA ACTUARIA,

Collection Swinboe, Nilgiri Hills.

3935. IDEA MUTANDA.

Idwa inductata, Walker, (nom. preoc.). Warren, Proc. Zool. Soc. Lond. 1888, p. 322. Campbellpur (Punjab).

3939. IDŒA LIGATARIA.

Collection Swinhoe, Rangoon.

3943A. IDEA PALLIDA.

Idea pullida, Warren, Proc. Zool. Soc. Lond. 1888, p. 322. Thundiani (Punjab), Murree.

3947. [Erase Idwa relictata.]

3952. IDEA WAIKERL

3953. CRASPEDIA ADDICTARIA.

In Phayre Museum (Rangoon) from Thyetmyo.

3958. Craspedia persimilis.

Craspedia persimilis, Moore. Warren, Proc. Zool. Soc. Lond. 1888, p. 320. Kala Pani (Punjab).

3961. CRASPEDIA TURPISARIA.

Collection Swinhoe, Nilgiri Hills.

3968. PSEUDASTHENA GRATARIA.

Collection Swinhoe, Nilgiri Hills.

3953A. ASTHENA OCHRACEA.

Asthena ochracea, Warren, Proc. Zool. Soc. Lond. 1888, p. 321. Thundiani (Punjab).

3987. ASTHENA URBICA.

In Phayre Museum (Rangoon) from Moulmein.

3991. TIMANDRA CONVECTARIA.

Collection Swinhoe, Rangoon.

3995. Somatina anthophilata.

Collection Swinhoe, Raipur (Central Provinces), Rangoon,

4006. LUXIARIA EXCLUSA.

Collection Swinhoe, Rangoon.

FAMILY MICRONIDÆ.

4012. [For MICRONIA GRANNATA read M. GANNATA.]

4013. MICRONIA OBLIQUARIA.

Collection Swinhoe, Rangoon.

4016. STROPHIDIA FASCIATA.

Collection Swinhoe, Rangoon.

4023. ACROPTERIS VAGATA.

Collection Swinhoe, Andaman Islands, Raugoon.

GROUP PYRALES.

FAMILY HYDROCAMPIDÆ.

Genus Mixophila.

4438A. MIXOPHILA ERMINEA.

Crambus ermineus, Moore, Lep. Ceyl., iii, p. 380, p. 184, fig. 7, (1886). Mixophila erminea. Meyrich, Trans. Ent. Soc. Lond. 1887, p. 269. Collection Swinhoe, Ceylon.

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